

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092027.D
 Acq On : 23 Jul 2016 4:28
 Operator : UM/SJ
 Sample : PB92324BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92324BS

Manual Integrations

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 7/25/2016 6:46:33 PM

Quant Time: Jul 23 05:13:50 2016

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 22 15:39:27 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	23995	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	115997	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	71370	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	158050	5.00	ng	0.00
31) Chrysene-d12	21.76	240	201160	5.00	ng	0.00
40) Perylene-d12	24.15	264	175787	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	42919	9.23	ng	0.00
5) Phenol-d6	7.35	99	59609	7.22	ng	-0.02
9) Nitrobenzene-d5	9.37	82	31137	4.46	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	16378	6.64	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	73907	3.94	ng	-0.01
34) Terphenyl-d14	20.20	244	99834	4.94	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	8951	2.76	ng	# 82
3) n-Nitrosodimethylamine	3.80	42	16537	3.77	ng	80
6) bis(2-Chloroethyl)ether	7.61	93	26054	3.78	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	22261	3.78	ng	# 98
10) Nitrobenzene	9.40	77	31581	3.38	ng	# 99
11) bis(2-Chloroethoxy)methane	10.40	93	35330	4.04	ng	# 18
12) Naphthalene	11.04	128	87697	3.33	ng	98
13) Hexachlorobutadiene	11.34	225	12314	3.27	ng	98
14) 2-Methylnaphthalene	12.66	142	60823	3.68	ng	99
18) Acenaphthylene	14.56	152	450088	4.10	ng	# 71
19) 2,6-Dinitrotoluene	14.44	165	77185	3.78	ng	# 10
20) Acenaphthene	14.92	154	63539	3.41	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	100152	3.80	ng	# 1
22) Fluorene	15.90	166	81061	3.65	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	37261	3.38	ng	91
25) 4-Bromophenyl-phenylether	16.78	248	24040	3.65	ng	99
26) Hexachlorobenzene	16.90	284	24042	3.54	ng	98
27) Pentachlorophenol	17.25	266	21177	6.32	ng	91
28) Phenanthrene	17.63	178	146129	3.58	ng	99
29) Anthracene	17.72	178	139881	3.78	ng	100
30) Fluoranthene	19.63	202	634668	3.89	ng	# 89
32) Benzidine	19.83	184	5332	0.71	ng	# 92
33) Pyrene	19.99	202	749566	5.14	ng	# 81
35) Benzo(a)anthracene	21.73	228	255790m	5.64	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	37264	3.45	ng	# 74
37) Chrysene	21.79	228	221407m	4.01	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	469790	11.84	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	755883	4.99	ng	98
41) Benzo(b)fluoranthene	23.41	252	172952	3.75	ng	97
42) Benzo(k)fluoranthene	23.46	252	184720	3.93	ng	94
43) Benzo(a)pyrene	24.05	252	165570	3.86	ng	97
44) Dibenzo(a,h)anthracene	26.68	278	155282	4.05	ng	96
45) Benzo(g,h,i)perylene	27.43	276	627913	4.00	ng	96

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092027.D
Acq On : 23 Jul 2016 4:28
Operator : UM/SJ
Sample : PB92324BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB92324BS

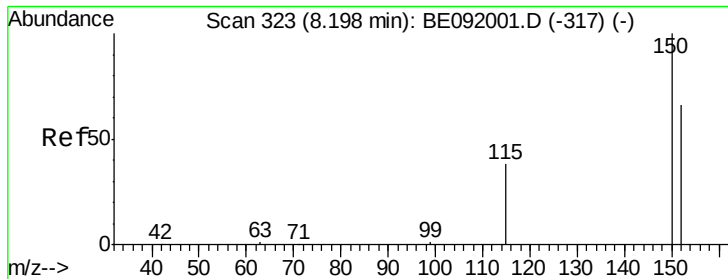
Quant Time: Jul 23 05:13:50 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
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Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092027.D

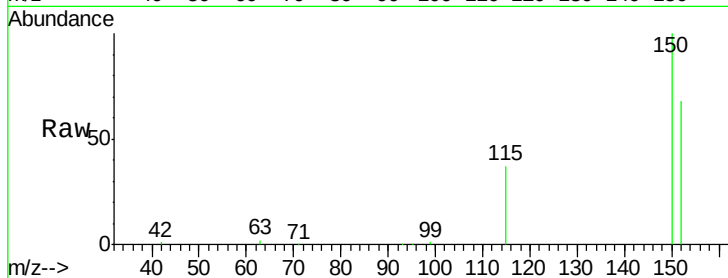
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS



Tgt Ion:152 Resp: 23995

Ion Ratio Lower Upper

152 100

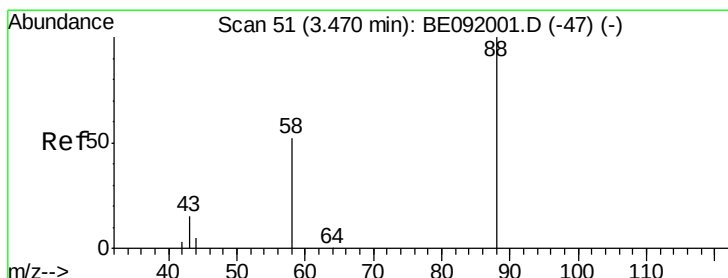
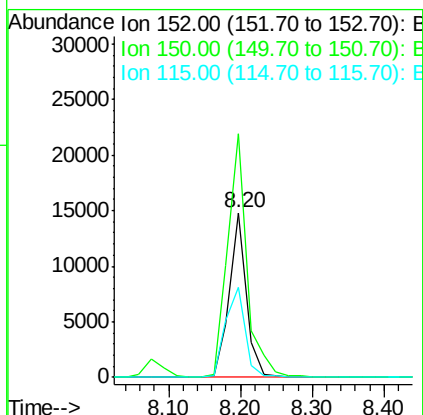
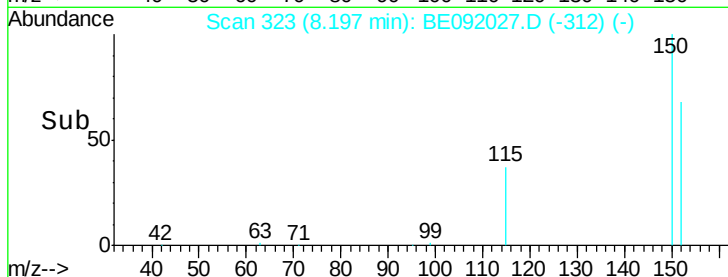
150 147.7 123.9 185.9

115 55.0 48.3 72.5

Manual Integrations

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#2

1,4-Dioxane

Concen: 2.76 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

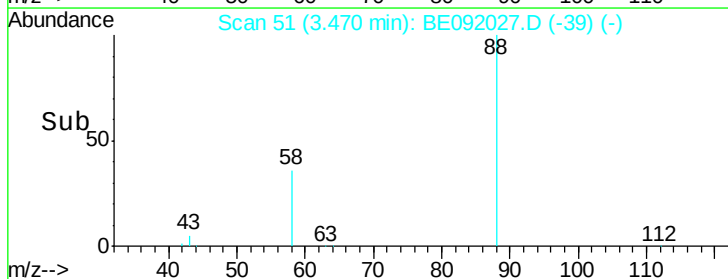
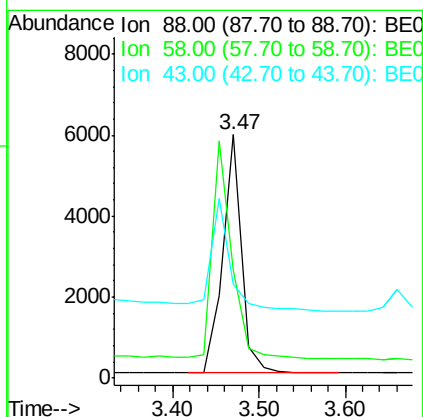
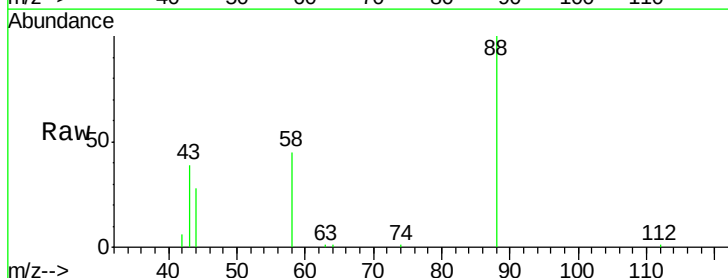
Tgt Ion: 88 Resp: 8951

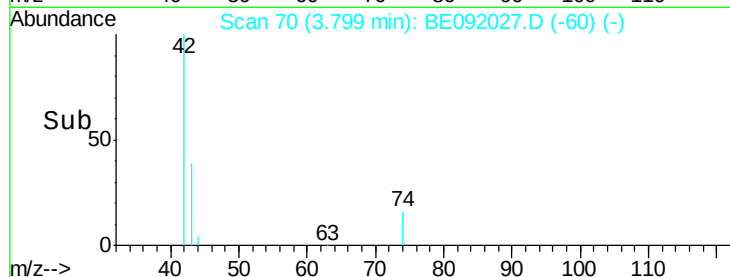
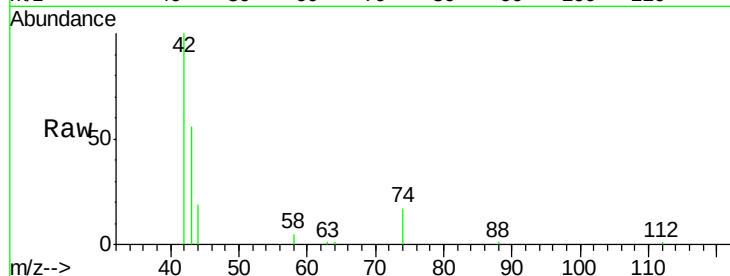
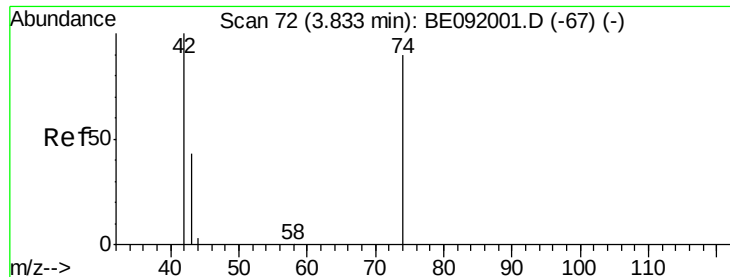
Ion Ratio Lower Upper

88 100

58 93.0 63.0 94.4

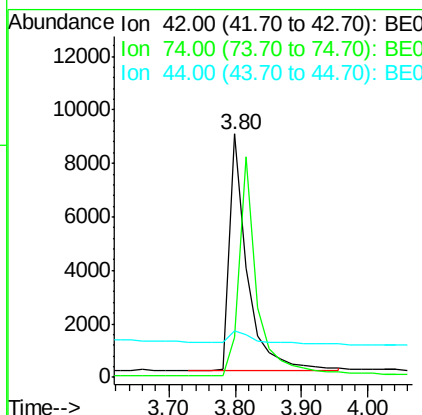
43 48.6 29.1 43.7#





#3
n-Nitrosodimethylamine
Concen: 3.77 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

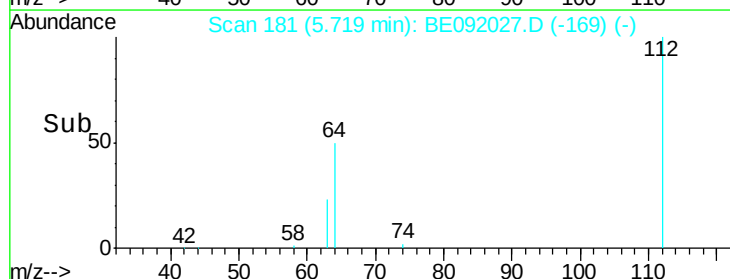
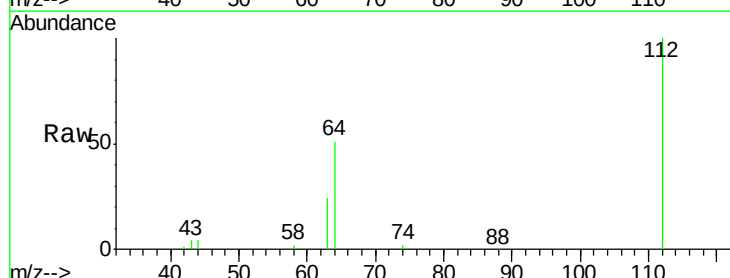
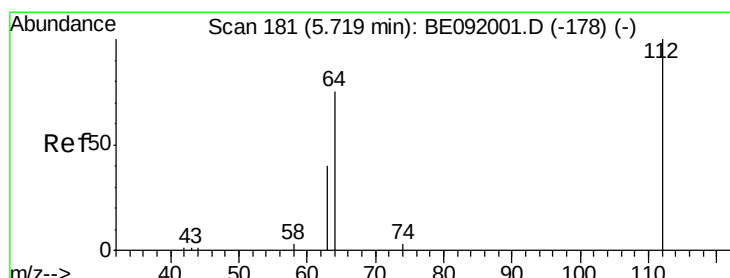
Tgt Ion:	42	Resp:	16537
Ion	Ratio	Lower	Upper
42	100		
74	93.4	93.4	140.0
44	7.4	5.0	7.6



Instrument :
BNA_E
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PB92324BS

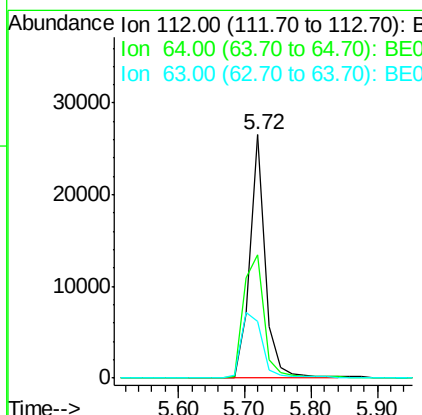
Manual Integrations

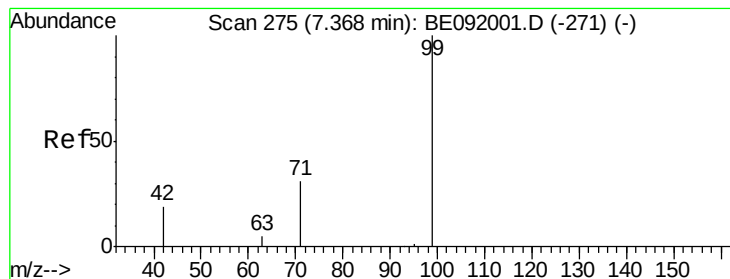
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#4
2-Fluorophenol
Concen: 9.23 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Tgt Ion:	112	Resp:	42919
Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.7	80.5
63	36.3	29.5	44.3





#5

Phenol-d6

Concen: 7.22 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

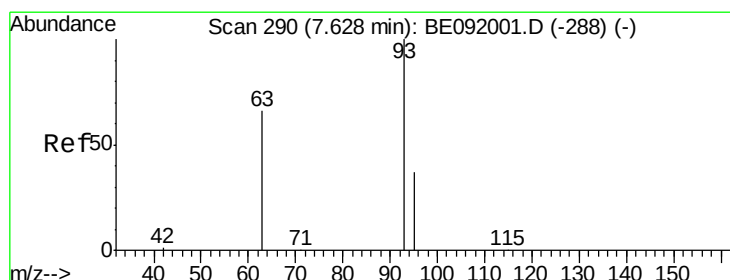
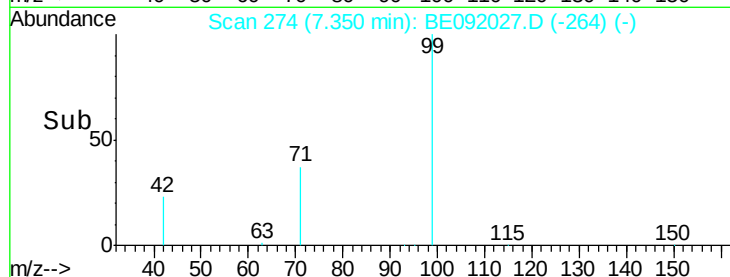
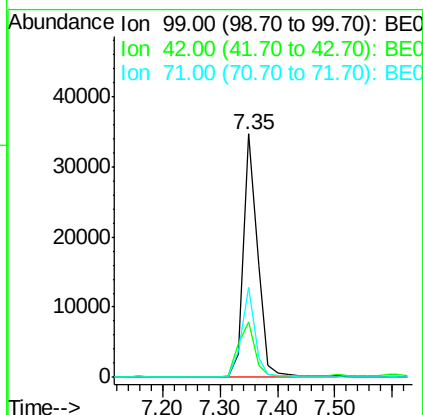
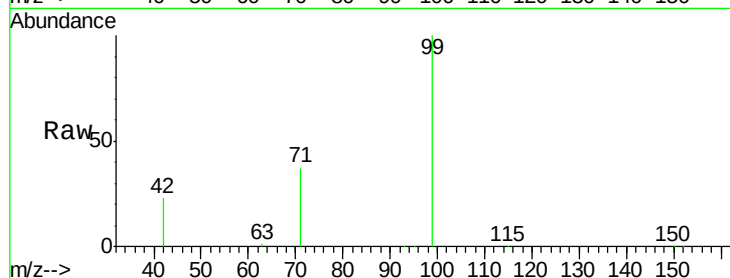
PB92324BS

Tgt Ion:	99	Resp:	59609
Ion Ratio	Lower	Upper	
99	100		
42	25.7	19.6	29.4
71	35.0	28.1	42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 3.78 ng

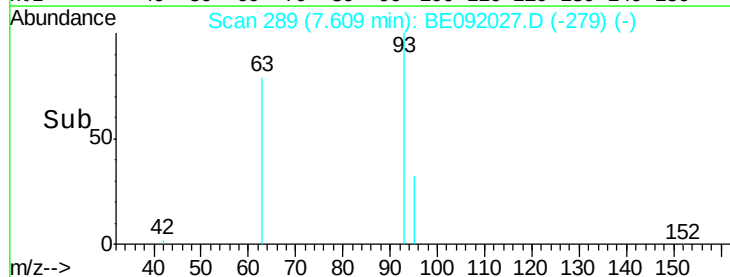
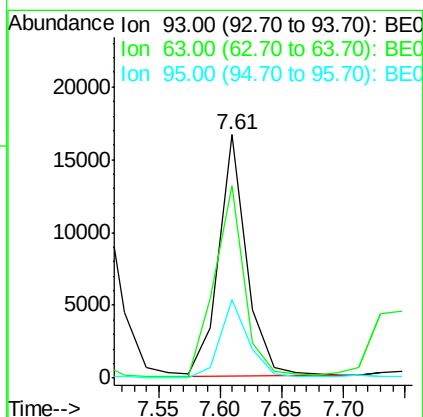
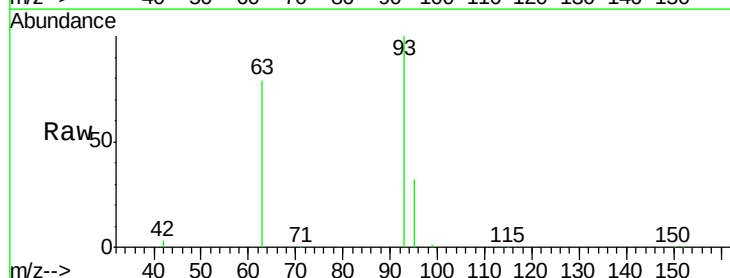
RT: 7.61 min Scan# 289

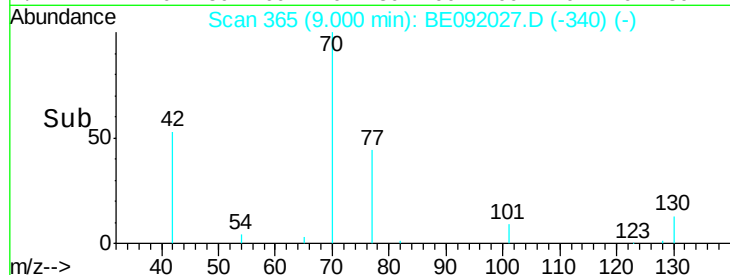
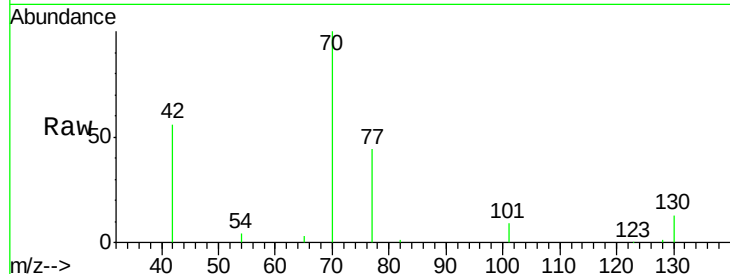
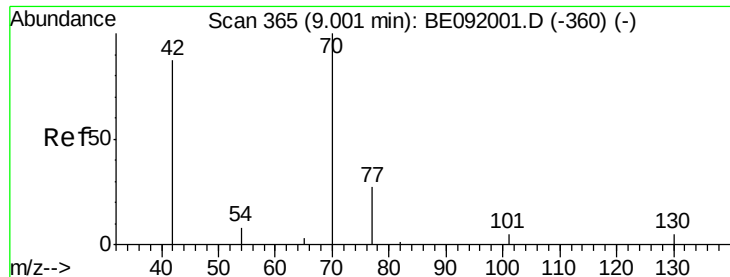
Delta R.T. -0.02 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Tgt Ion:	93	Resp:	26054
Ion Ratio	Lower	Upper	
93	100		
63	85.7	66.2	99.4
95	32.9	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 3.78 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

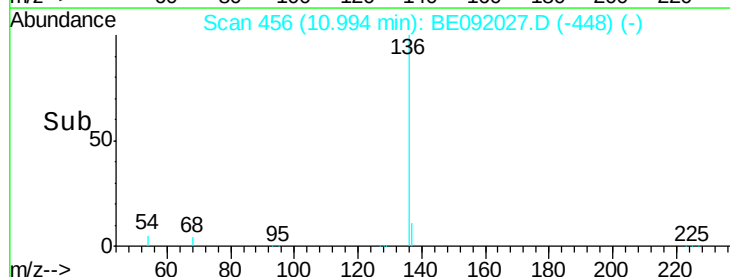
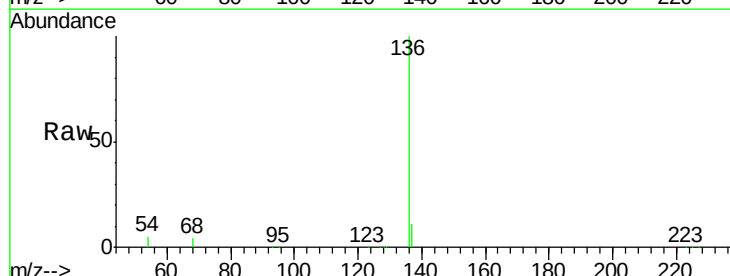
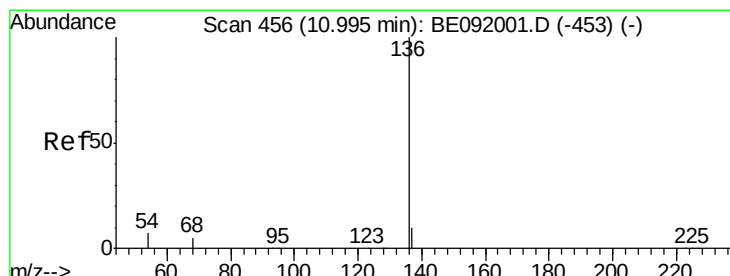
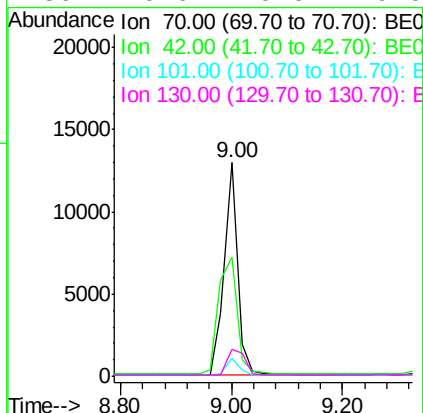
ClientSampleId :

PB92324BS

Tgt Ion:	70	Resp:	22261
Ion Ratio	Lower	Upper	
70	100		
42	74.7	58.4	87.6
101	8.3	6.4	9.6
130	16.6	0.0	0.0#

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

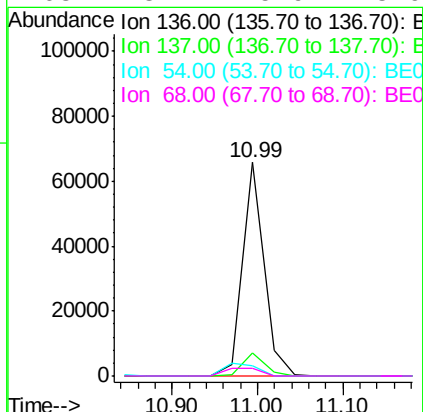
RT: 10.99 min Scan# 456

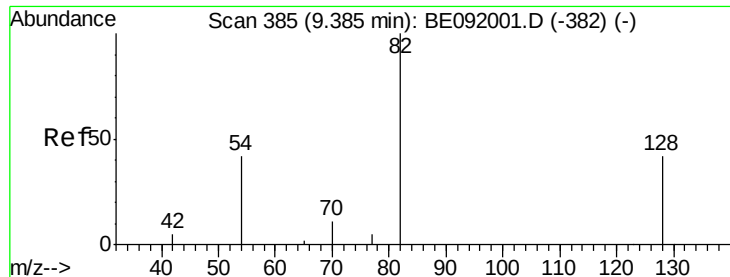
Delta R.T. -0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Tgt Ion:	136	Resp:	115997
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.3	12.5
54	4.8	8.2	12.4#
68	3.7	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 4.46 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092027.D

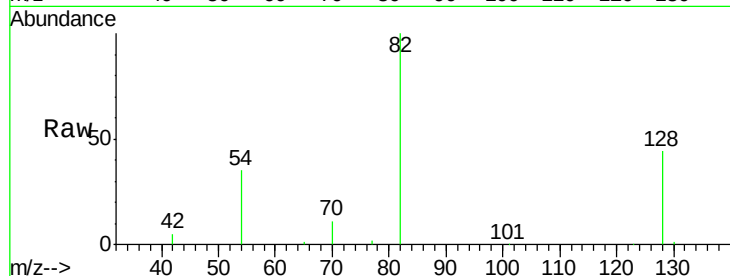
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS



Tgt Ion: 82 Resp: 31137

Ion Ratio Lower Upper

82 100

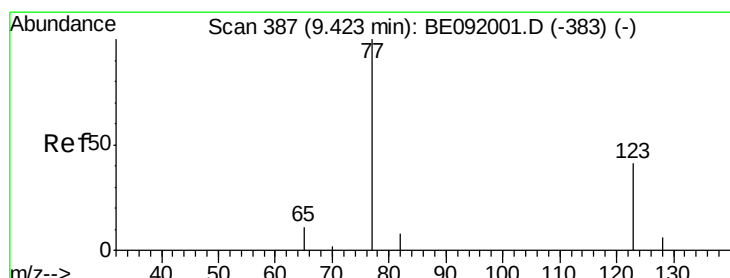
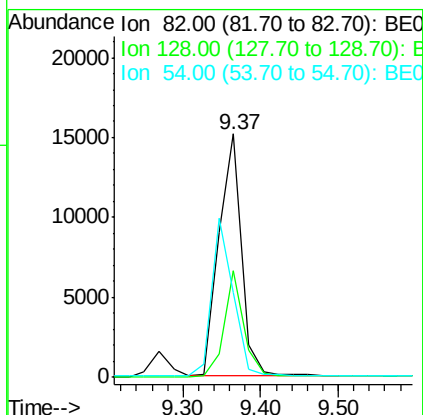
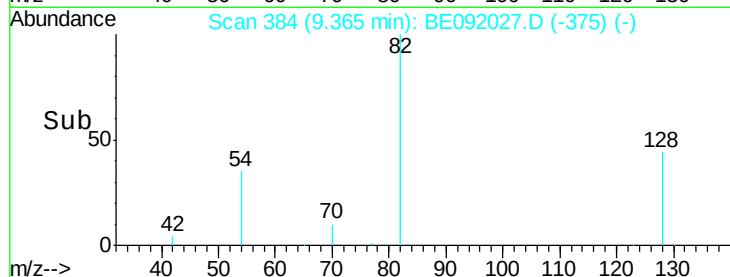
128 43.7 39.5 59.3

54 34.8 30.3 45.5

Manual Integrations

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#10

Nitrobenzene

Concen: 3.38 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

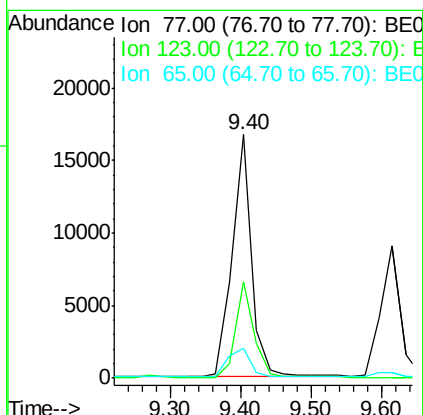
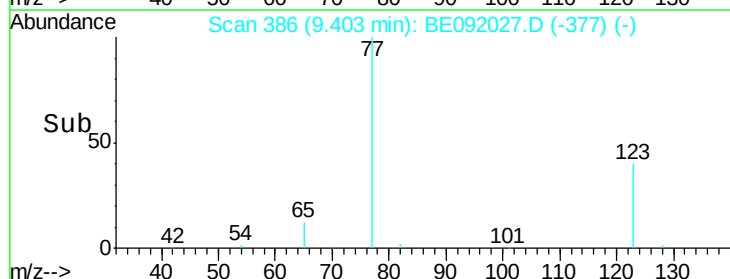
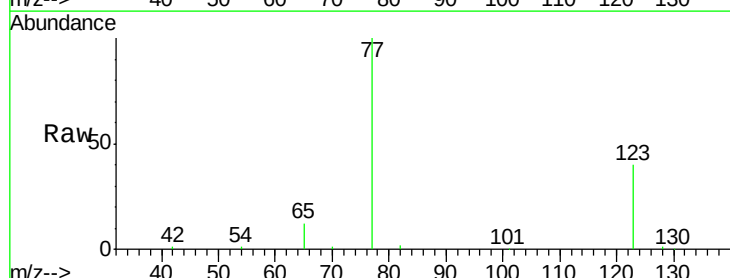
Tgt Ion: 77 Resp: 31581

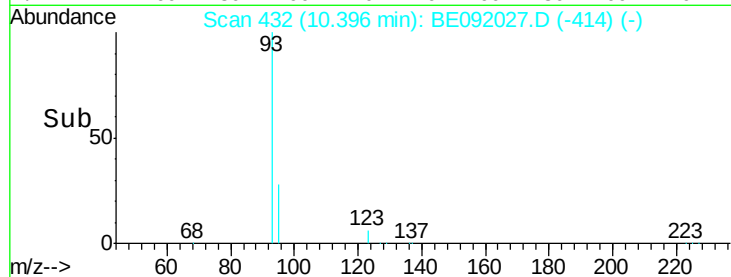
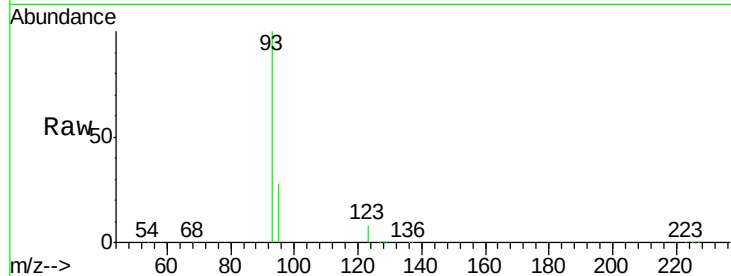
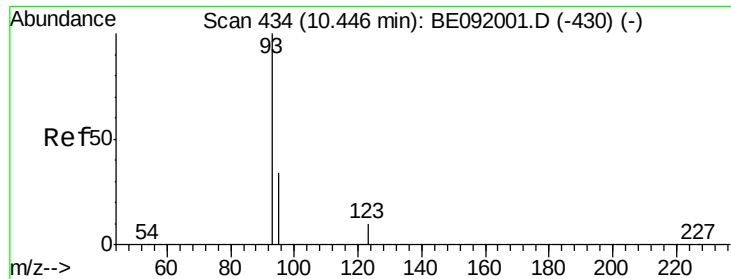
Ion Ratio Lower Upper

77 100

123 38.4 0.0 0.0#

65 14.2 11.1 16.7





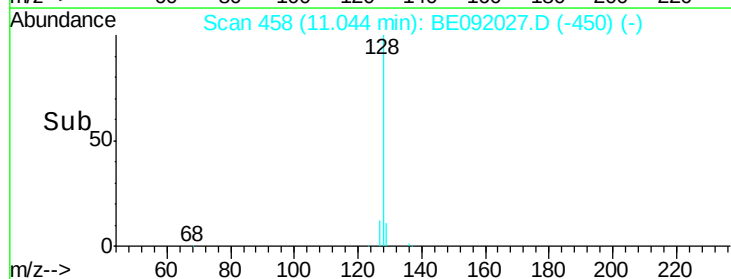
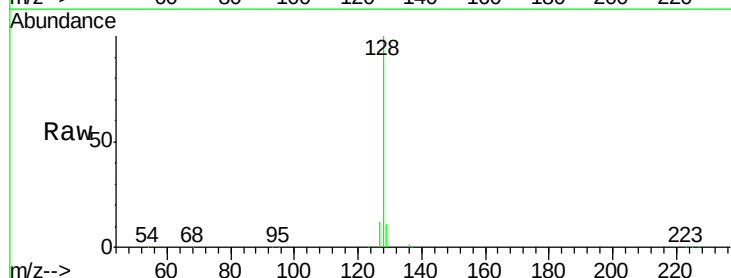
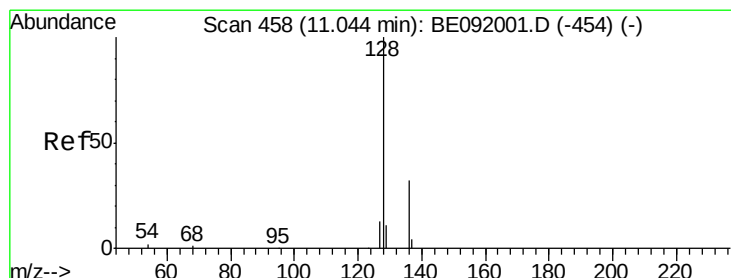
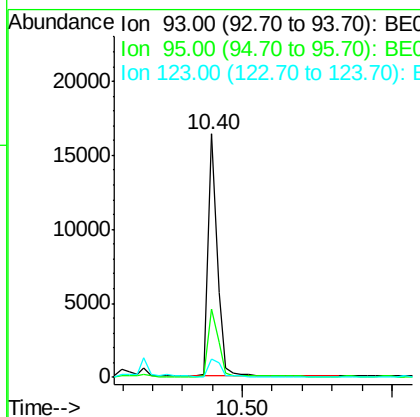
#11
bis(2-Chloroethoxy)methane
Concen: 4.04 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Instrument :
BNA_E
ClientSampleId :
PB92324BS

Tgt Ion: 93 Resp: 35330
Ion Ratio Lower Upper
93 100
95 31.4 57.6 86.4#
123 9.5 100.2 150.4#

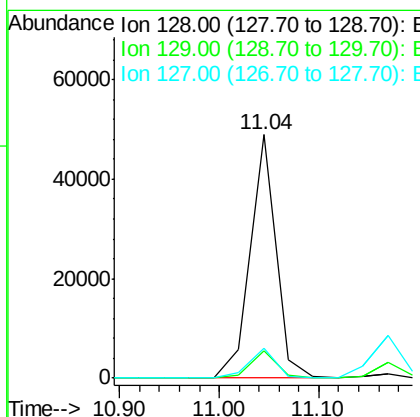
Manual Integrations

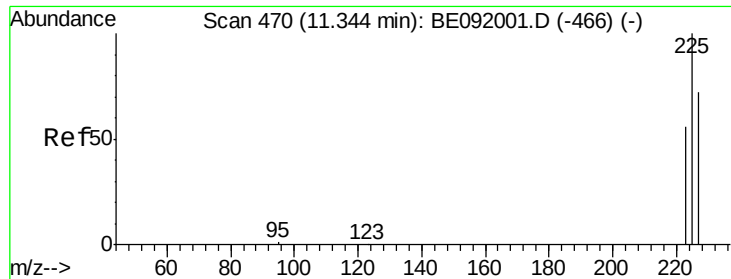
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#12
Naphthalene
Concen: 3.33 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Tgt Ion: 128 Resp: 87697
Ion Ratio Lower Upper
128 100
129 11.3 10.4 15.6
127 12.5 10.2 15.2





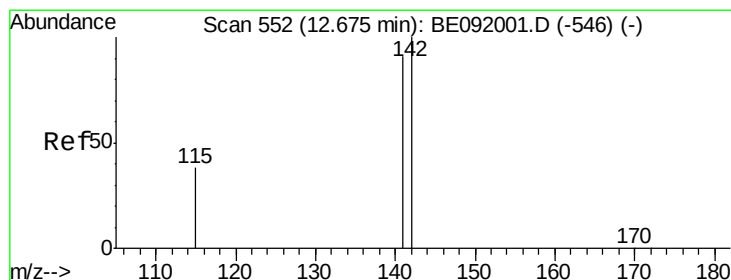
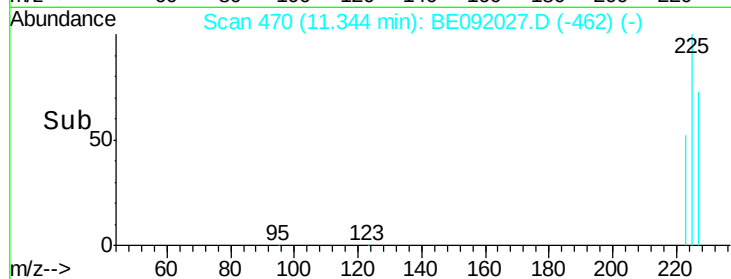
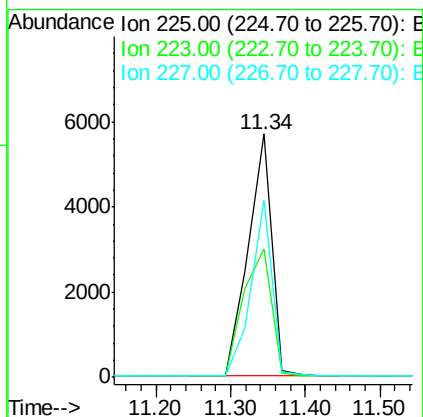
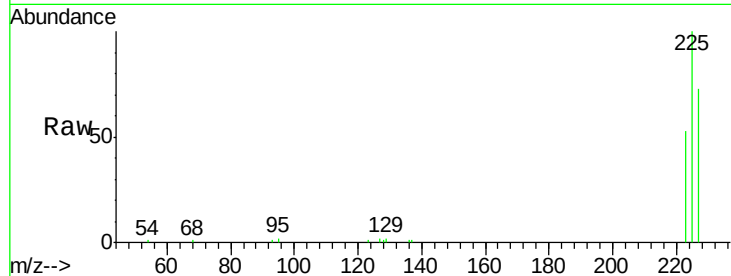
#13
Hexachlorobutadiene
Concen: 3.27 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Instrument :
BNA_E
ClientSampleId :
PB92324BS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.8
227	65.0	50.6	75.8

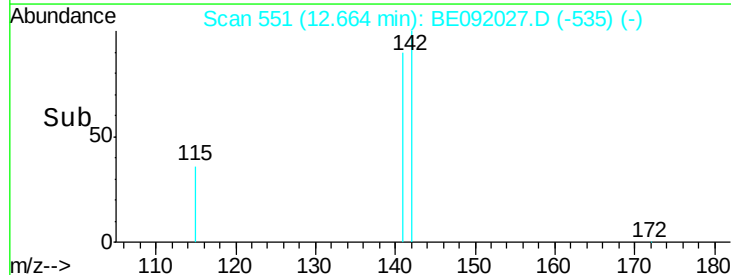
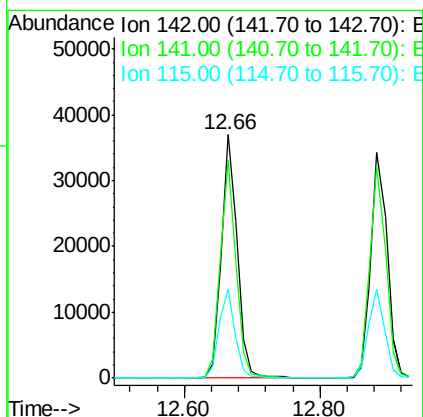
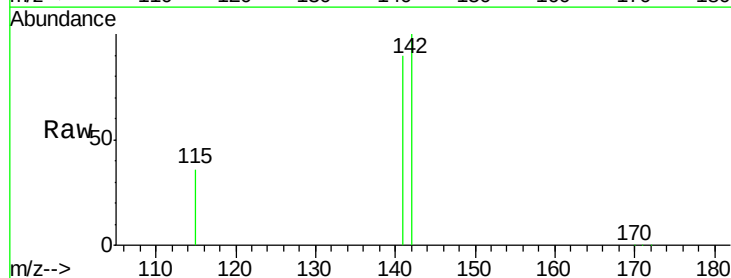
Manual Integrations

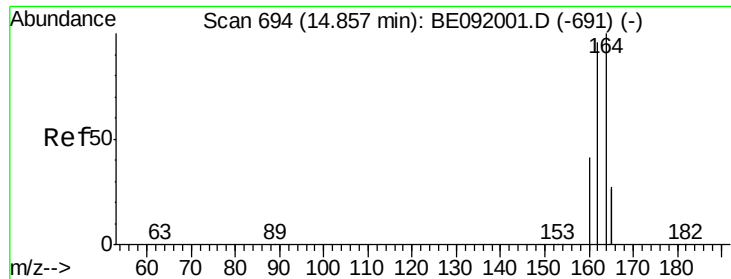
sohil
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#14
2-Methylnaphthalene
Concen: 3.68 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	36.2	29.9	44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS

Tgt Ion:164 Resp: 71370

Ion Ratio Lower Upper

164 100

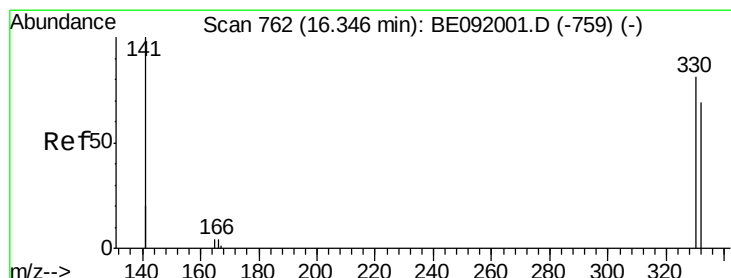
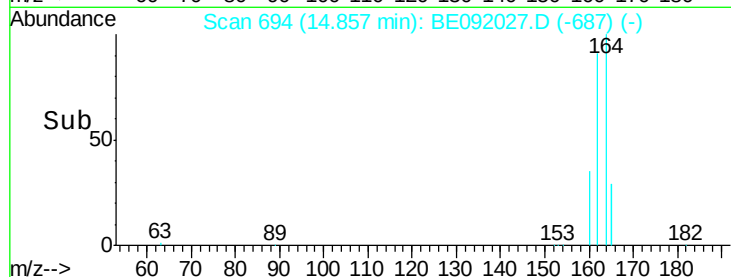
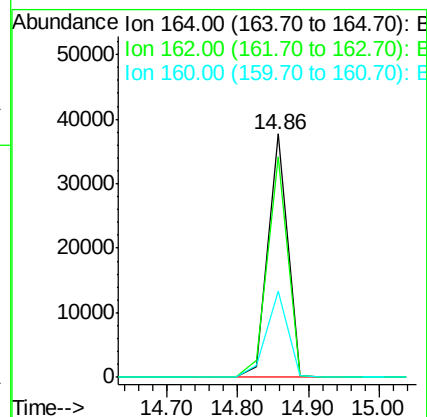
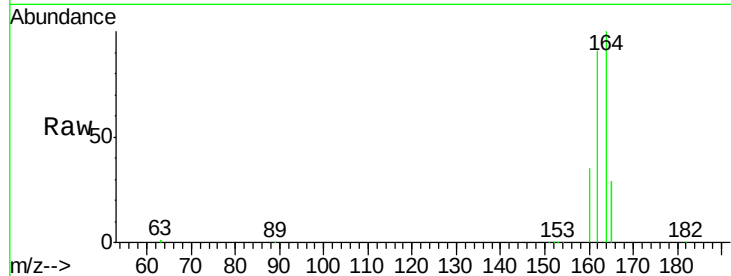
162 90.7 71.8 107.8

160 35.4 28.0 42.0

Manual Integrations

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#16

2,4,6-Tribromophenol

Concen: 6.64 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

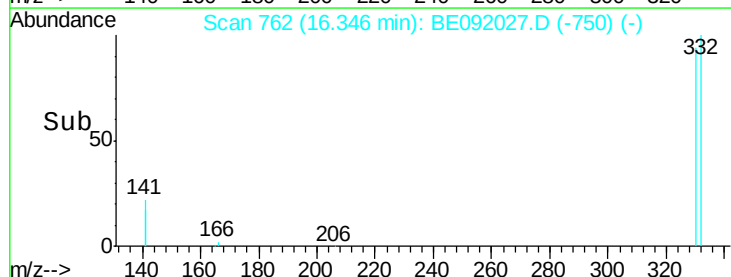
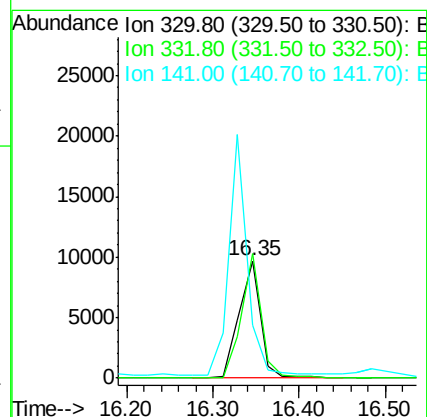
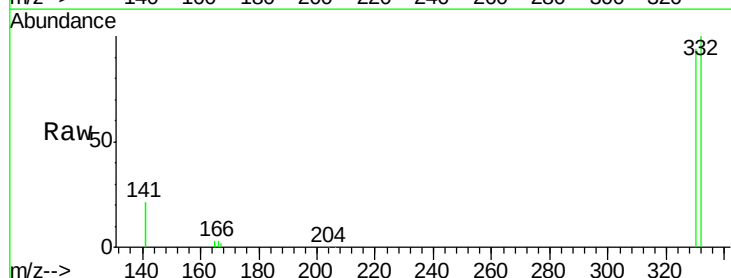
Tgt Ion:330 Resp: 16378

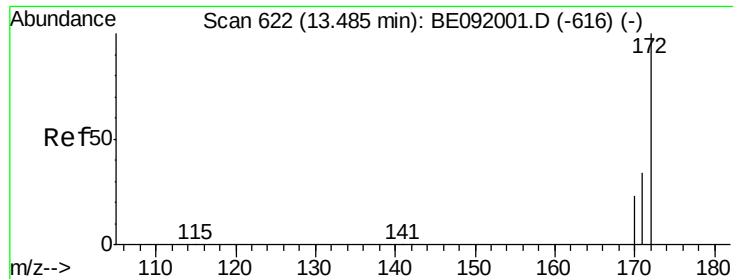
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 179.5 138.4 207.6





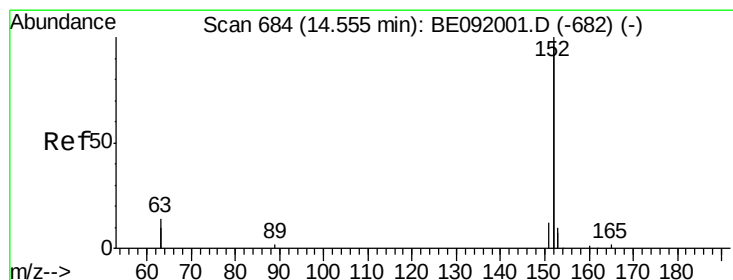
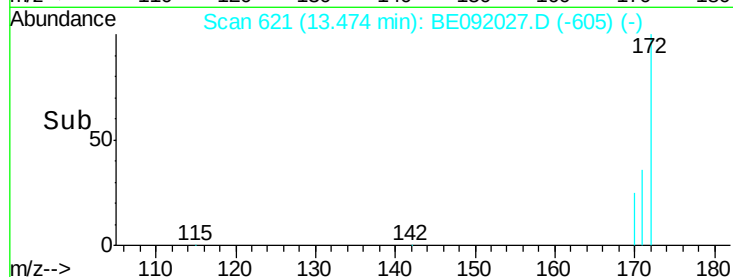
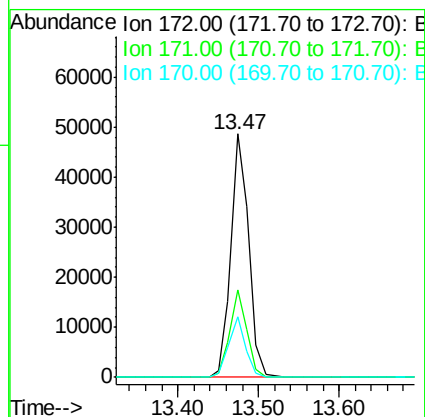
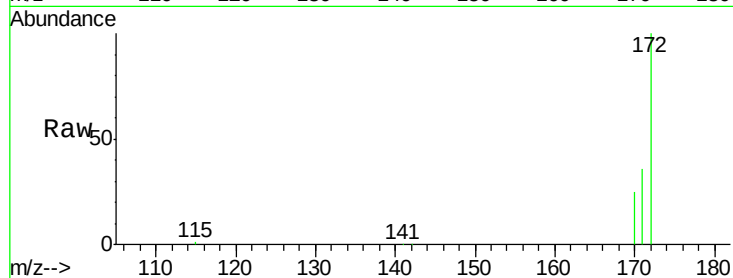
#17
2-Fluorobiphenyl
Concen: 3.94 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Instrument :
BNA_E
ClientSampleId :
PB92324BS

Tgt Ion:172 Resp: 73907
Ion Ratio Lower Upper
172 100
171 35.8 24.3 36.5
170 24.8 14.9 22.3#

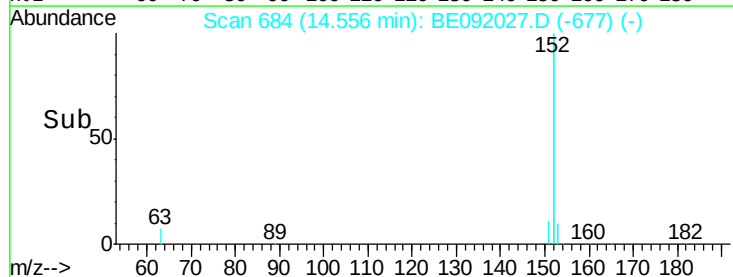
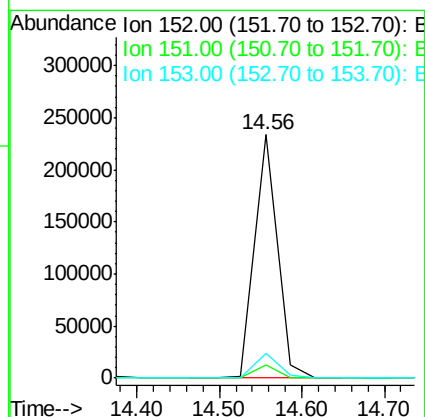
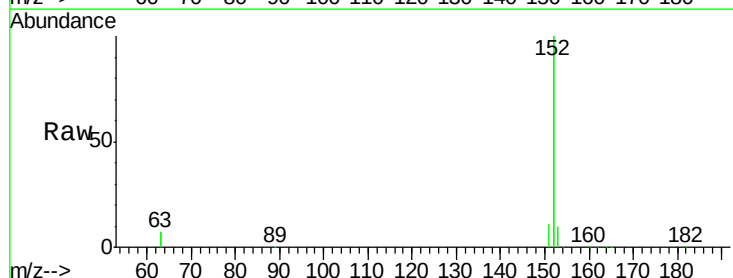
Manual Integrations

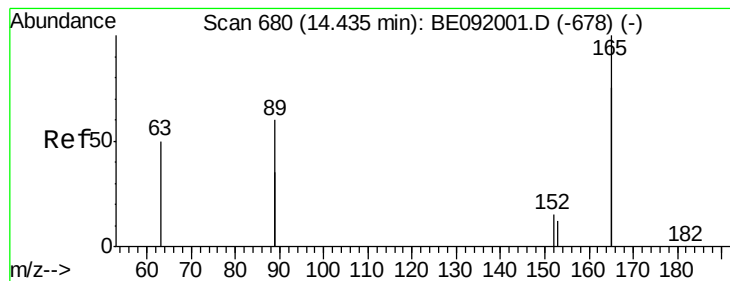
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#18
Acenaphthylene
Concen: 4.10 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Tgt Ion:152 Resp: 450088
Ion Ratio Lower Upper
152 100
151 5.4 19.4 29.2#
153 11.0 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 3.78 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

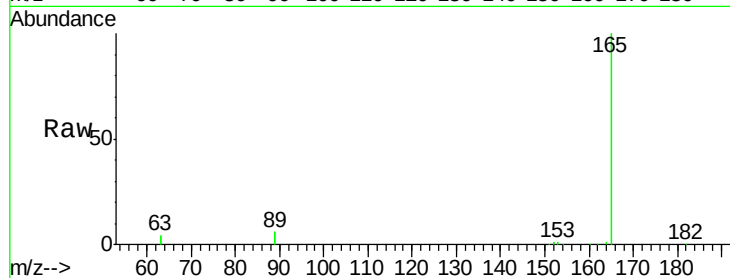
ClientSampled :

PB92324BS

Manual Integrations

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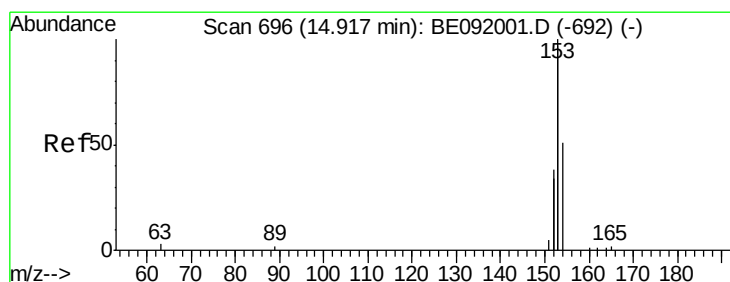
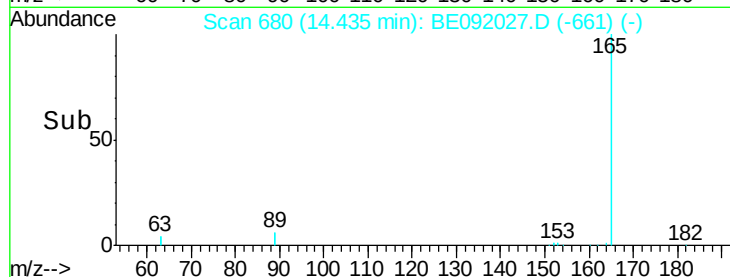
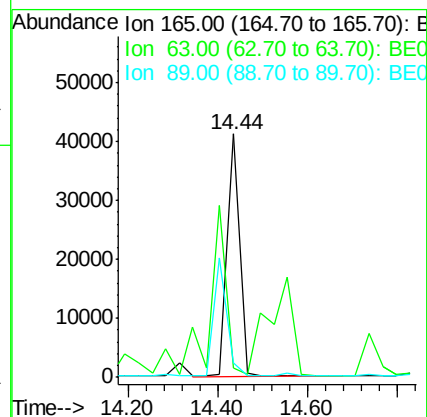
Tgt Ion:165 Resp: 77185

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

89 0.0 59.1 88.7#



#20

Acenaphthene

Concen: 3.41 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

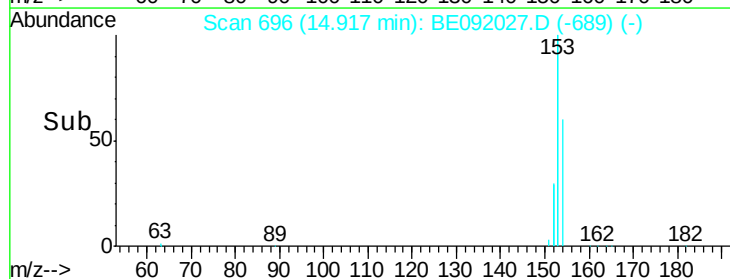
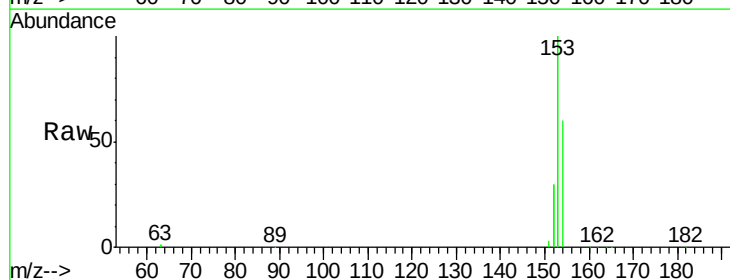
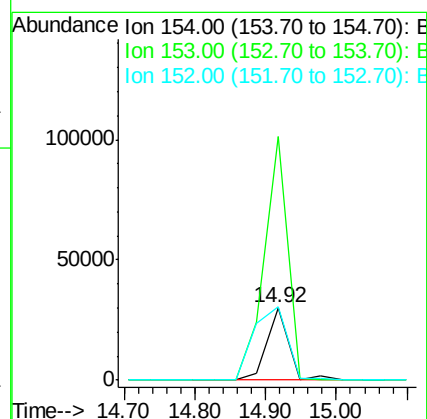
Tgt Ion:154 Resp: 63539

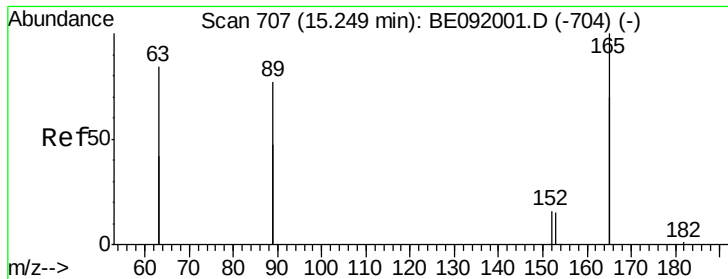
Ion Ratio Lower Upper

154 100

153 357.2 88.1 132.1#

152 153.3 44.2 66.2#





#21

2,4-Dinitrotoluene

Concen: 3.80 ng

RT: 15.22 min Scan# 706

Delta R.T. -0.03 min

Lab File: BE092027.D

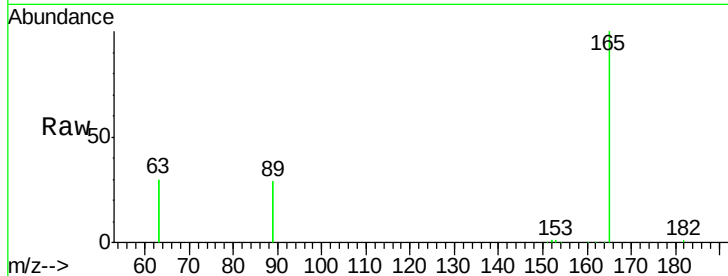
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS

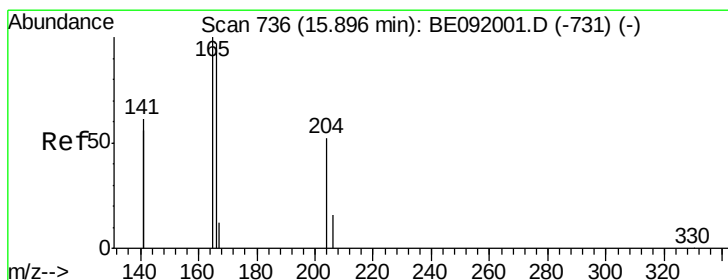
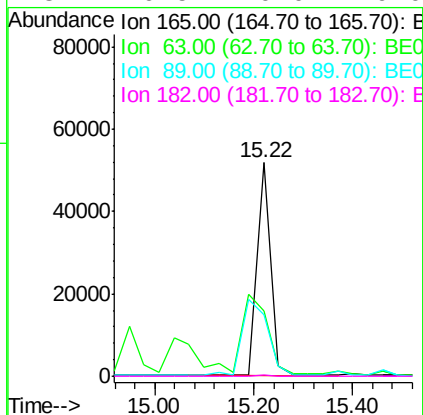
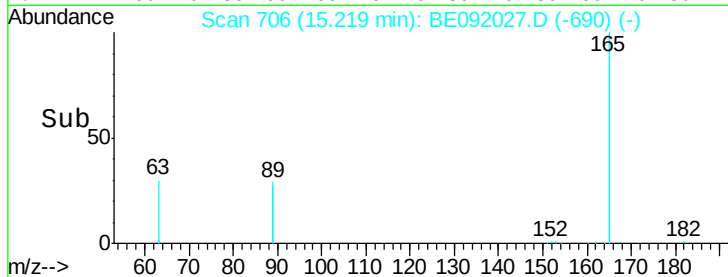


Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	0.5	0.0	0.0#

Manual Integrations

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#22

Fluorene

Concen: 3.65 ng

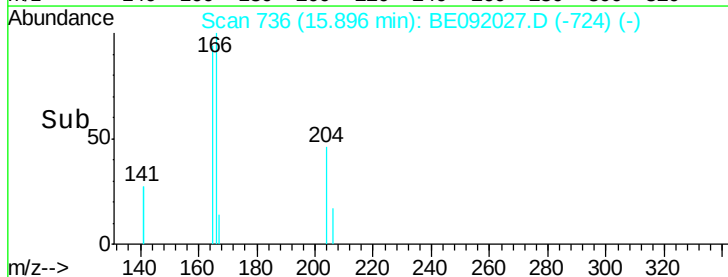
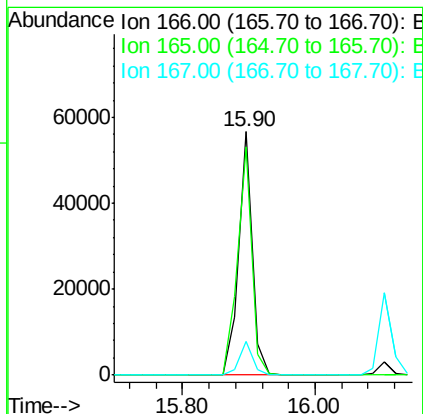
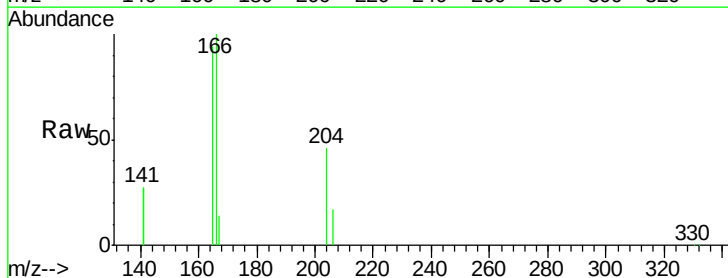
RT: 15.90 min Scan# 736

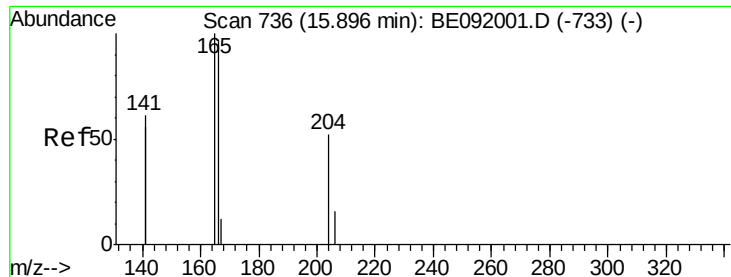
Delta R.T. -0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.5	10.8	16.2





#23

4-Chlorophenyl-phenylether

Concen: 3.38 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092027.D

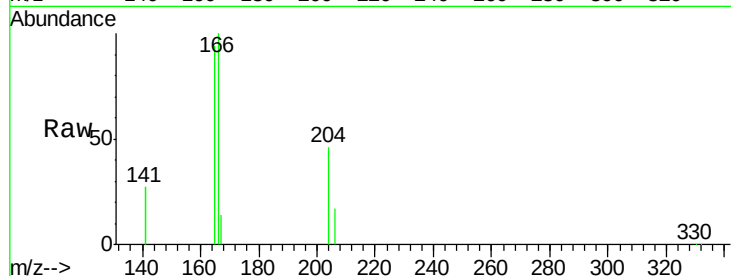
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS



Tgt Ion: 204 Resp: 37261

Ion Ratio Lower Upper

204 100

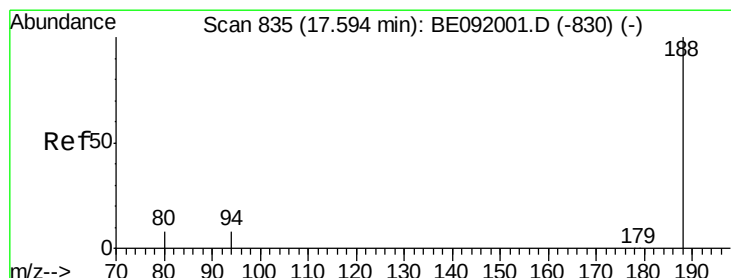
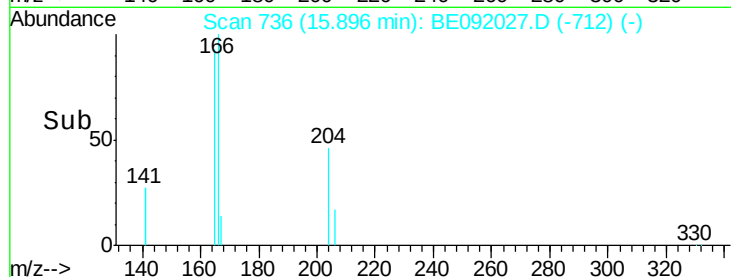
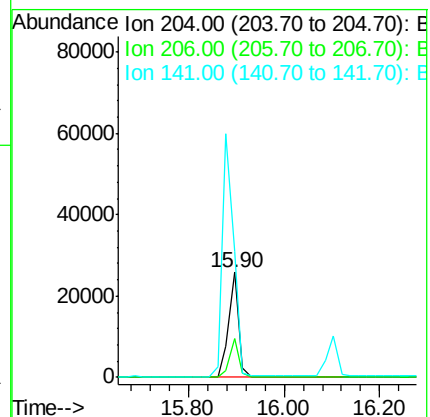
206 34.4 27.8 41.6

141 264.6 197.6 296.4

Manual Integrations

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#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

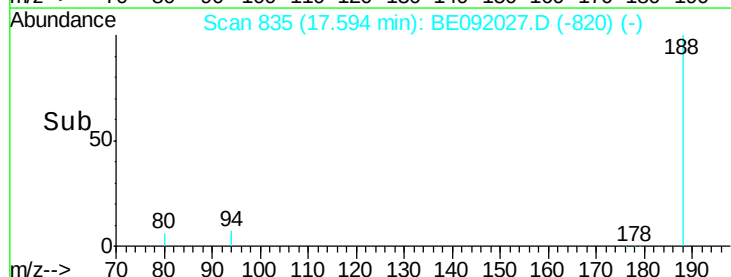
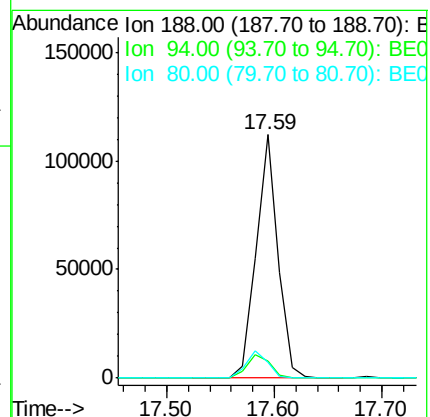
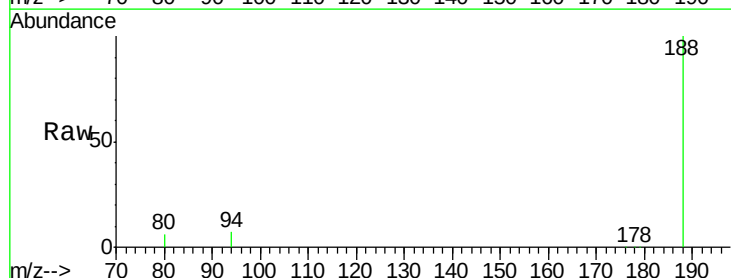
Tgt Ion: 188 Resp: 158050

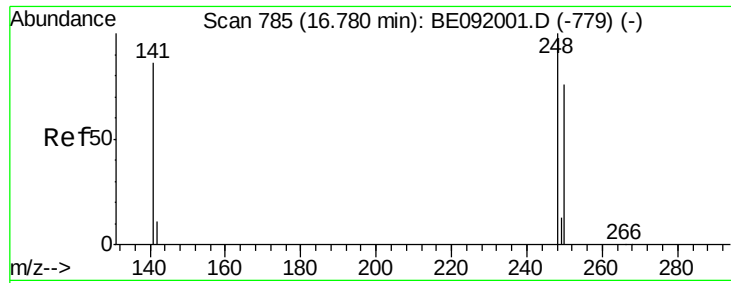
Ion Ratio Lower Upper

188 100

94 7.0 4.1 6.1#

80 6.3 3.4 5.2#





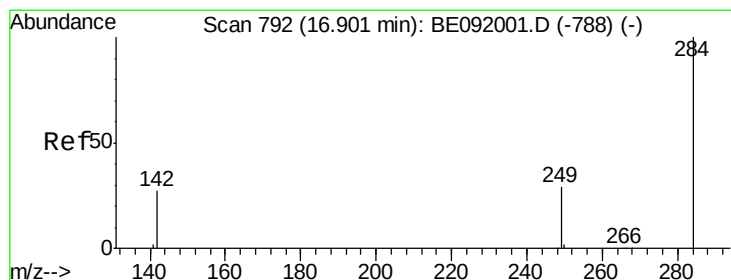
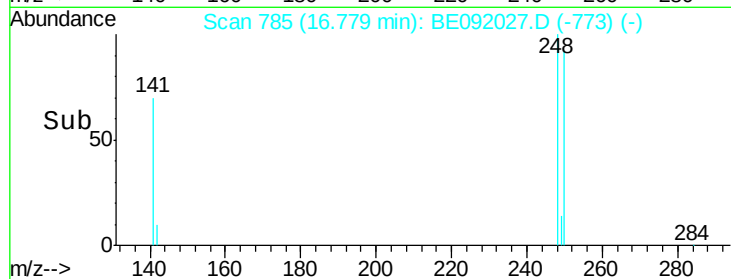
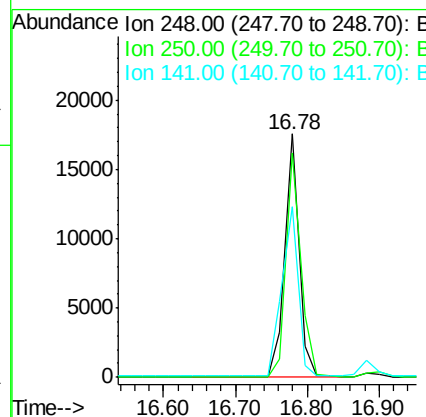
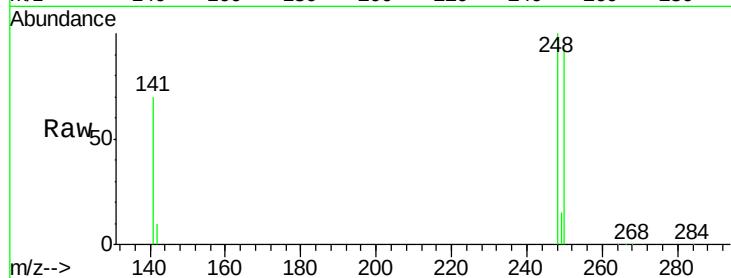
#25
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Instrument :
BNA_E
ClientSampleId :
PB92324BS

Tgt Ion: 248 Resp: 24040
Ion Ratio Lower Upper
248 100
250 95.3 75.7 113.5
141 80.4 64.6 97.0

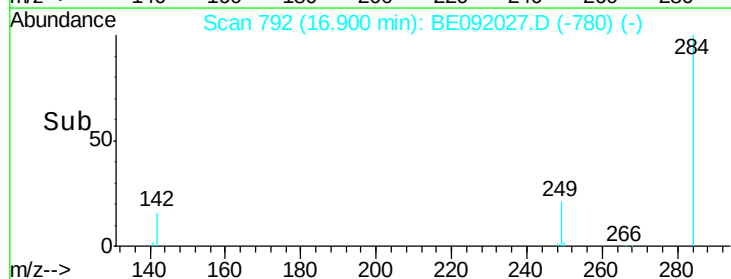
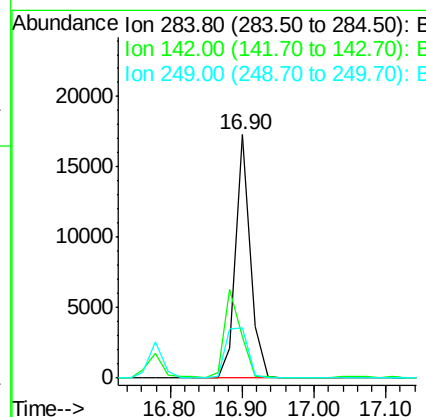
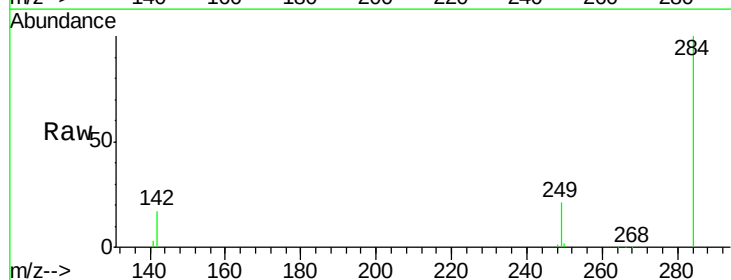
Manual Integrations

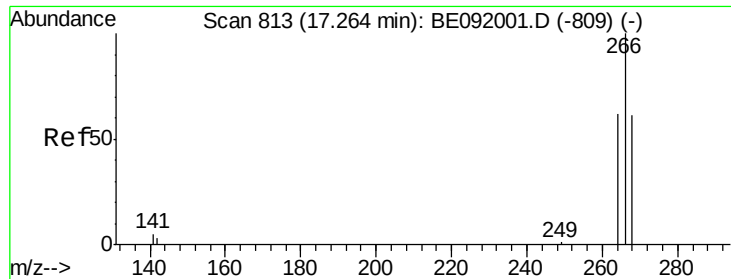
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#26
Hexachlorobenzene
Concen: 3.54 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Tgt Ion: 284 Resp: 24042
Ion Ratio Lower Upper
284 100
142 40.9 31.4 47.2
249 31.5 25.3 37.9





#27

Pentachlorophenol

Concen: 6.32 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092027.D

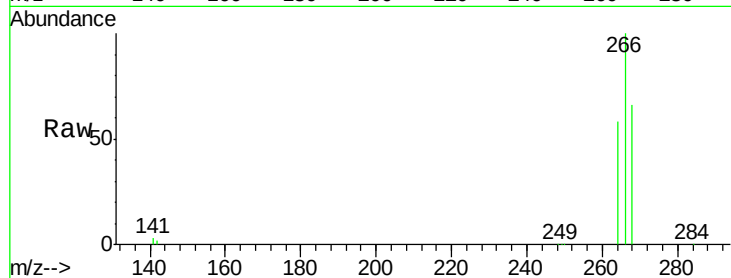
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS

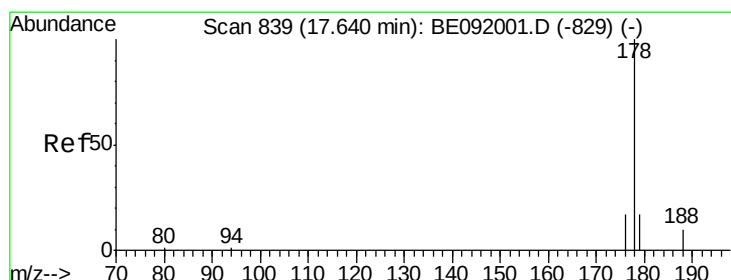
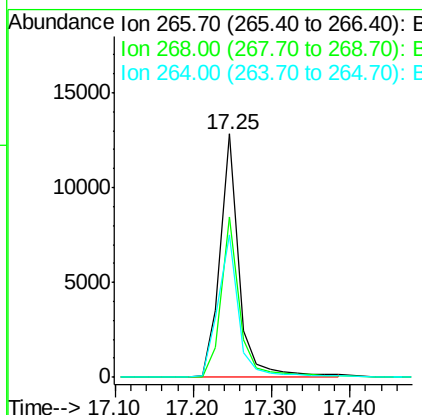
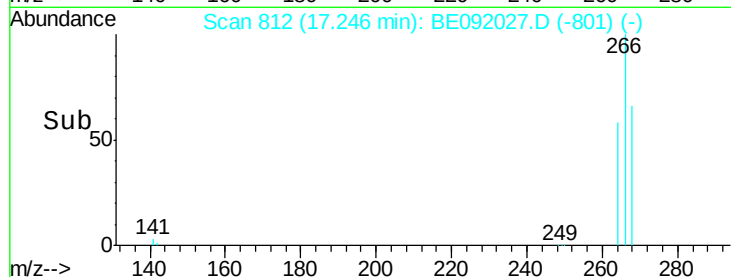


Tgt Ion:	266	Resp:	21177
Ion Ratio	Lower	Upper	
266	100		
268	66.1	60.5	90.7
264	58.4	51.0	76.4

Manual Integrations

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#28

Phenanthrene

Concen: 3.58 ng

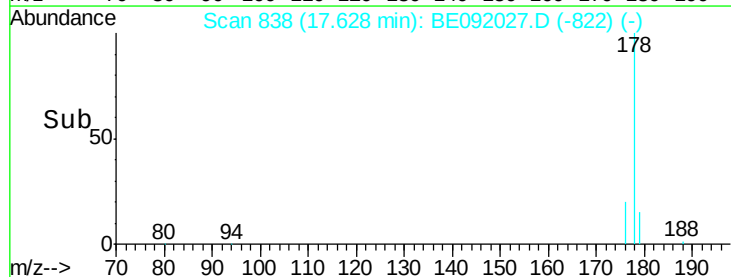
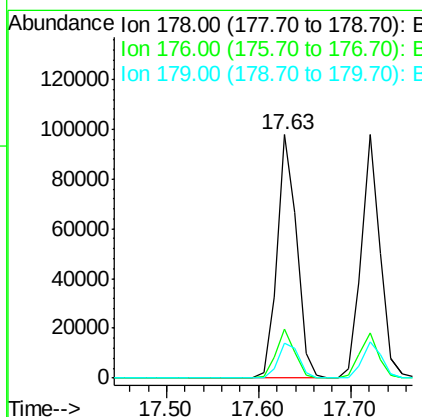
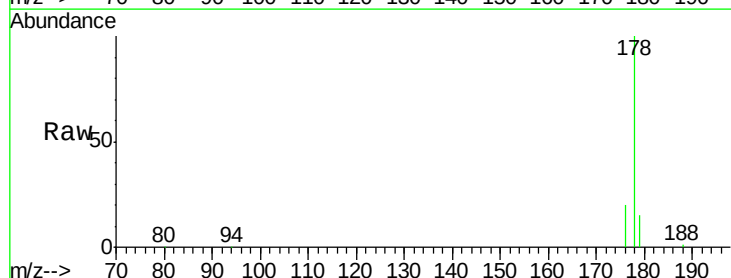
RT: 17.63 min Scan# 838

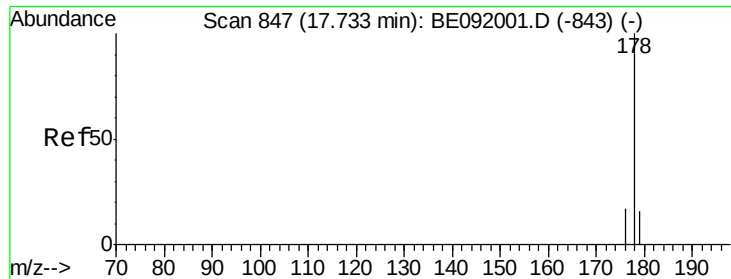
Delta R.T. -0.01 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Tgt Ion:	178	Resp:	146129
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	15.5	12.9	19.3





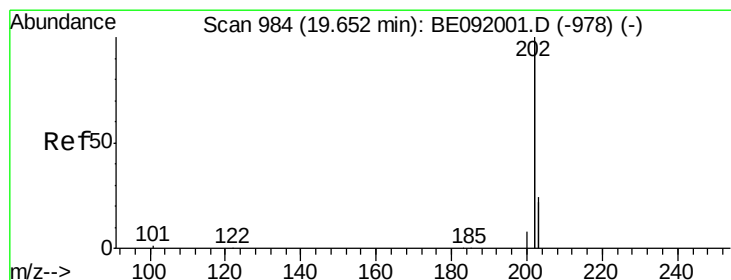
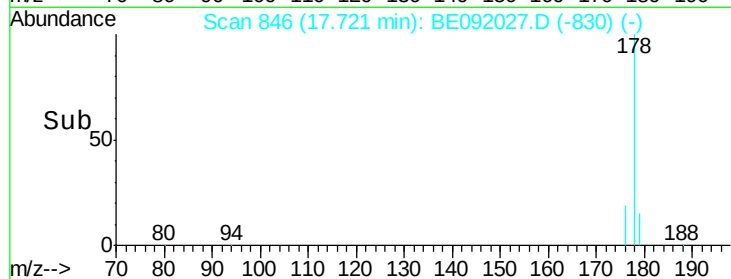
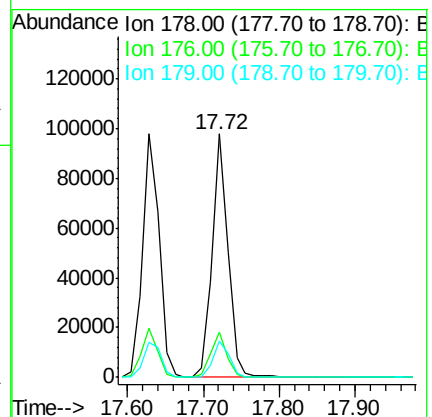
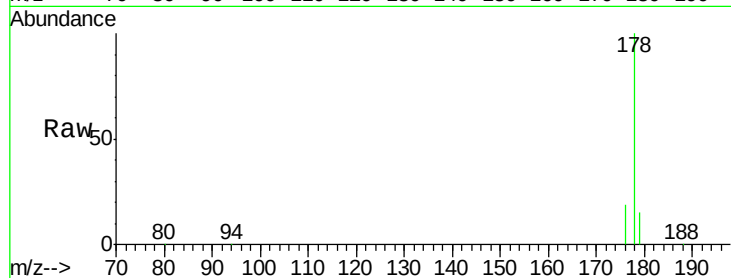
#29
 Anthracene
 Concen: 3.78 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE092027.D
 Acq: 23 Jul 2016 4:28

Instrument :
 BNA_E
 ClientSampleId :
 PB92324BS

Tgt Ion:178 Resp: 139881
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.1 12.1 18.1

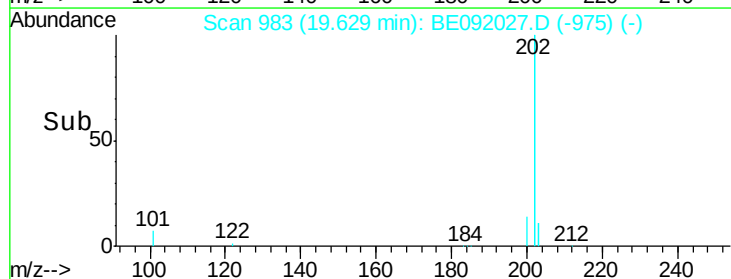
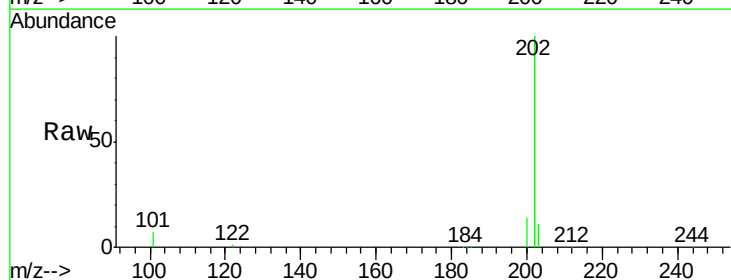
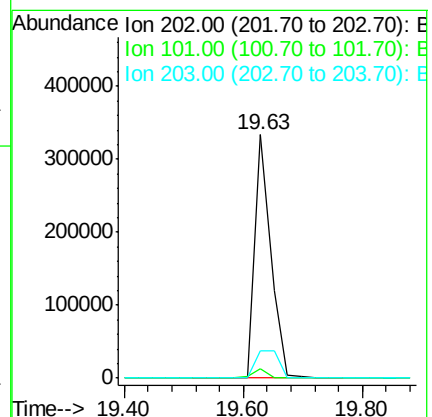
Manual Integrations

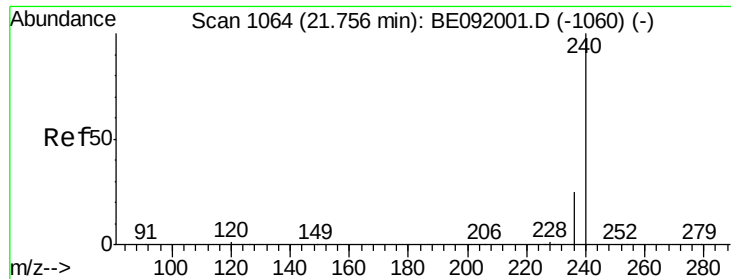
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#30
 Fluoranthene
 Concen: 3.89 ng
 RT: 19.63 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BE092027.D
 Acq: 23 Jul 2016 4:28

Tgt Ion:202 Resp: 634668
 Ion Ratio Lower Upper
 202 100
 101 3.1 9.4 14.0#
 203 16.6 14.3 21.5





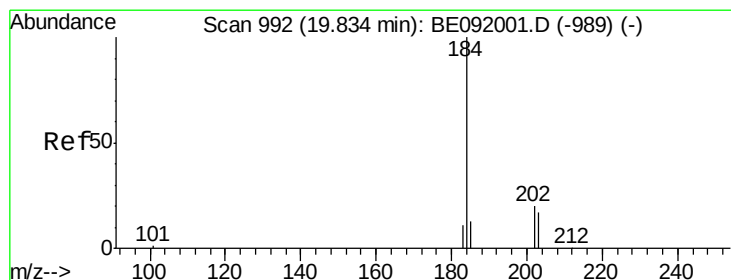
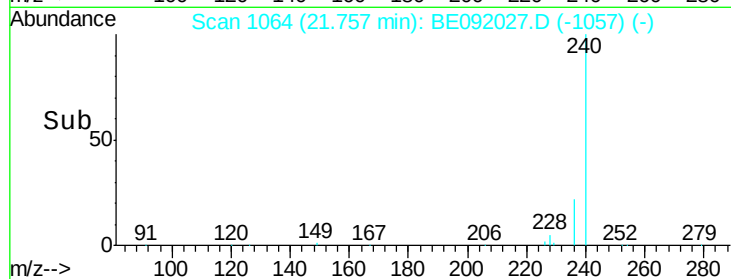
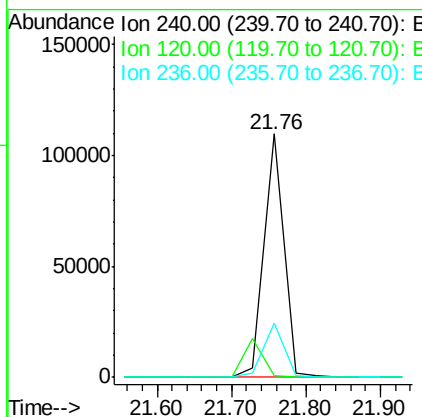
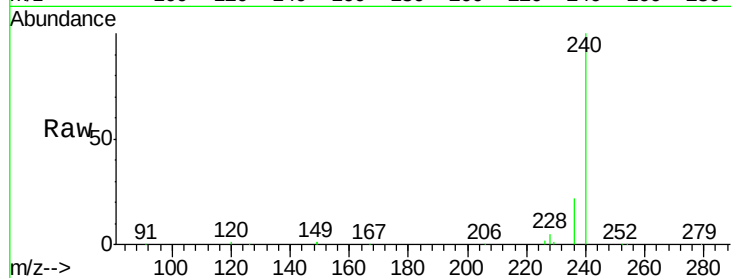
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Instrument :
BNA_E
ClientSampleId :
PB92324BS

Tgt Ion:240 Resp: 201160
Ion Ratio Lower Upper
240 100
120 0.6 1.2 1.8#
236 22.2 19.8 29.8

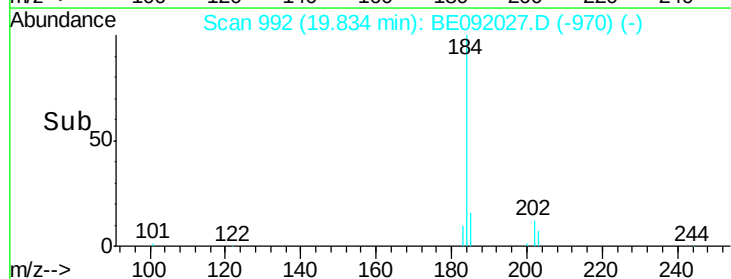
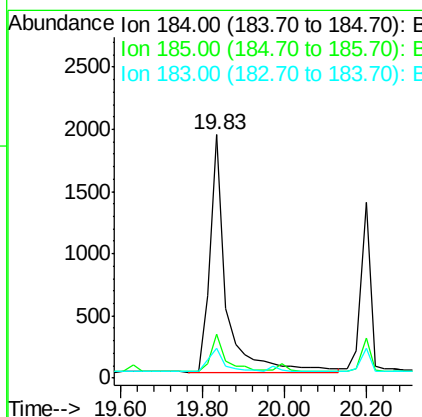
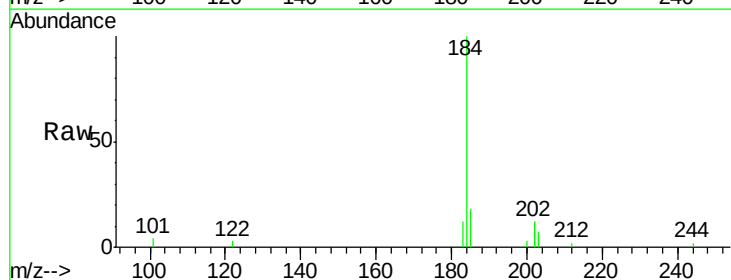
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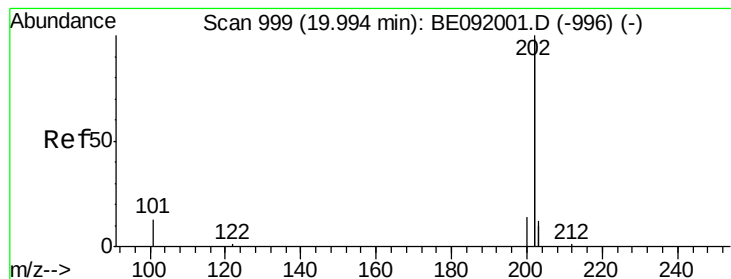
sohil
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#32
Benzidine
Concen: 0.71 ng
RT: 19.83 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Tgt Ion:184 Resp: 5332
Ion Ratio Lower Upper
184 100
185 18.2 11.4 17.2#
183 12.2 11.8 17.6





#33

Pyrene

Concen: 5.14 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092027.D

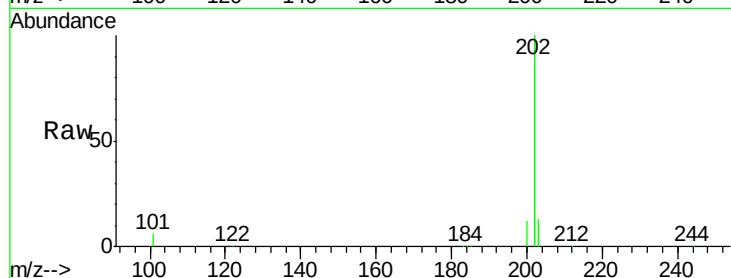
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS

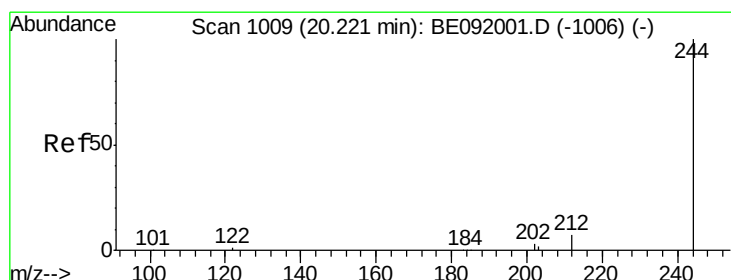
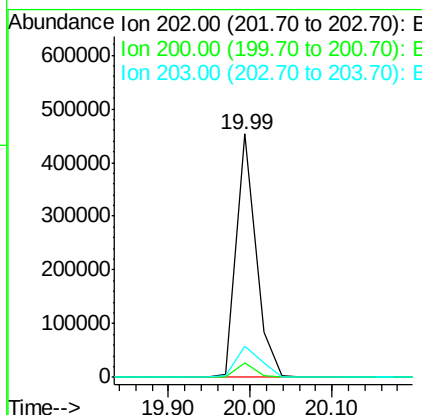
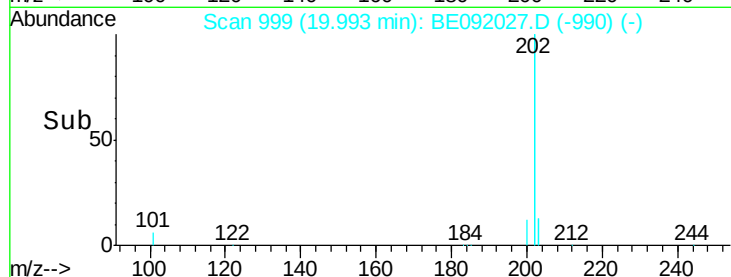


Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.7	16.9	25.3#
203	16.3	14.1	21.1

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#34

Terphenyl-d14

Concen: 4.94 ng

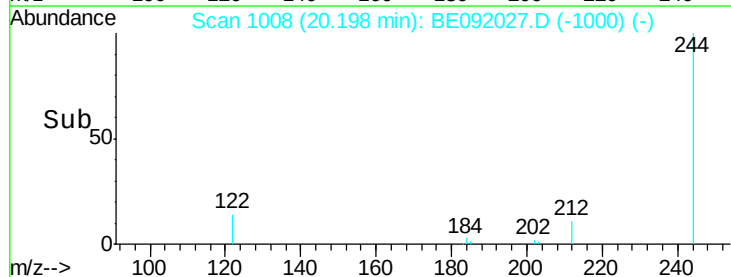
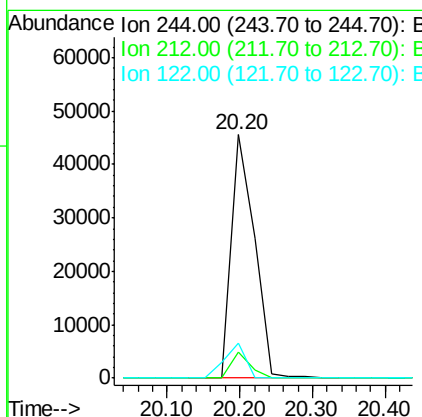
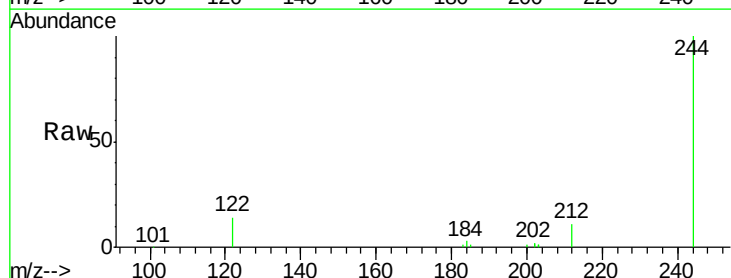
RT: 20.20 min Scan# 1008

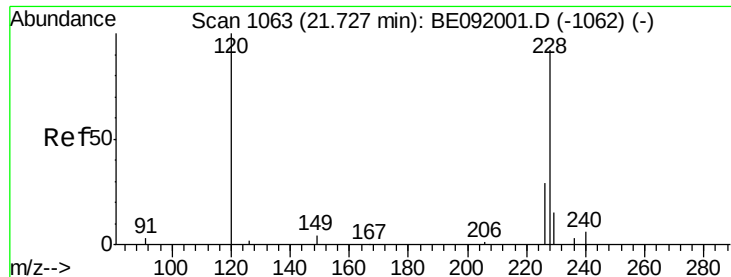
Delta R.T. -0.02 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.5	9.7#
122	14.4	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 5.64 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092027.D

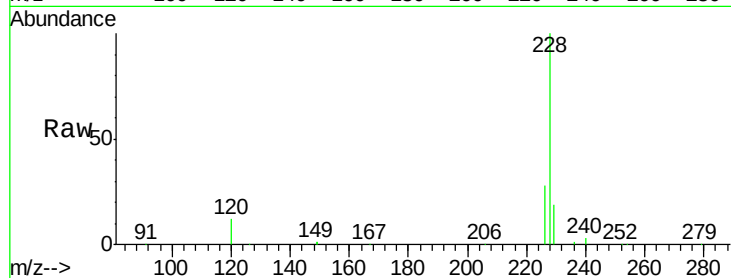
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS

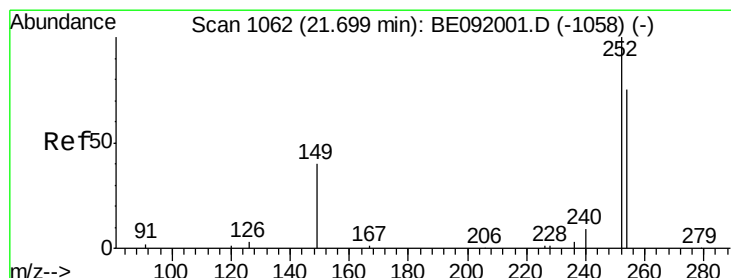
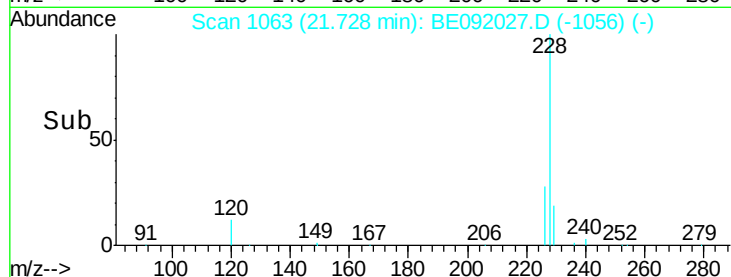
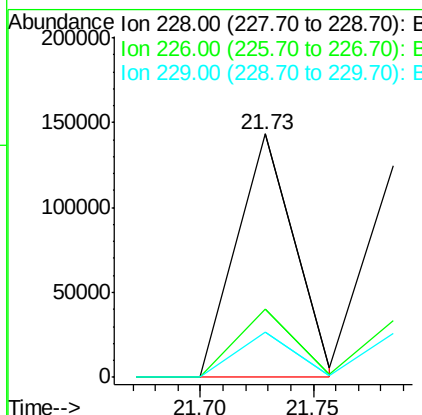


Tgt Ion:	228	Resp:	255790
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.0	31.4
229	18.6	15.8	23.8

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 3.45 ng

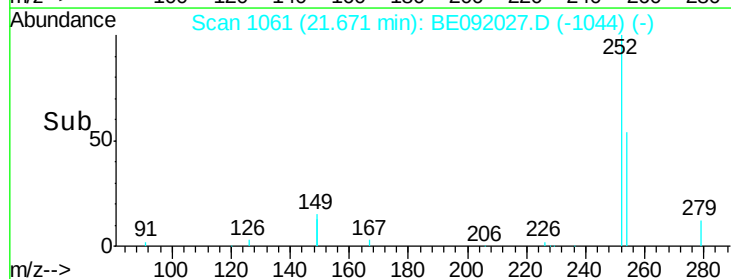
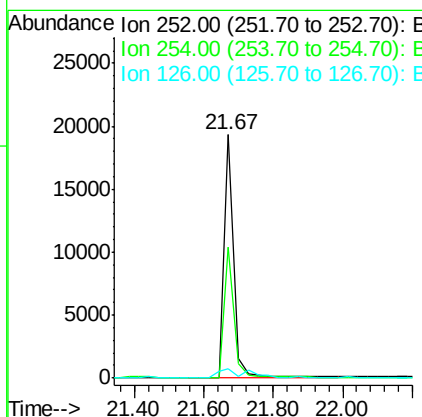
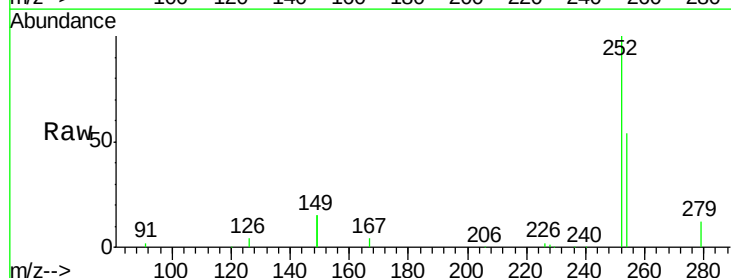
RT: 21.67 min Scan# 1061

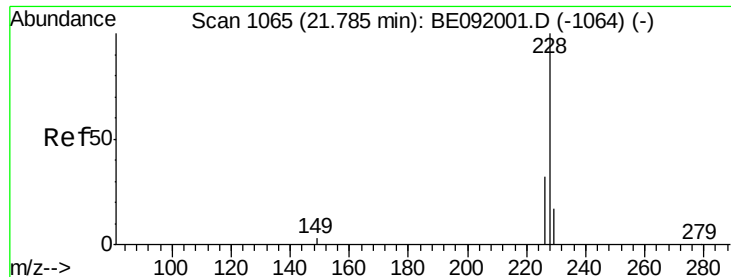
Delta R.T. -0.03 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Tgt Ion:	252	Resp:	37264
Ion Ratio	Lower	Upper	
252	100		
254	53.7	61.5	92.3#
126	3.8	2.5	3.7#





#37

Chrysene

Concen: 4.01 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS

Tgt Ion: 228 Resp: 221407

Ion Ratio Lower Upper

228 100

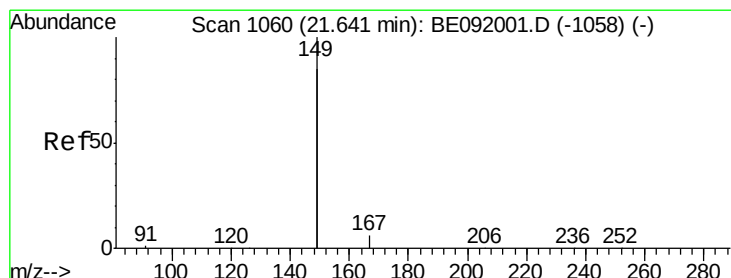
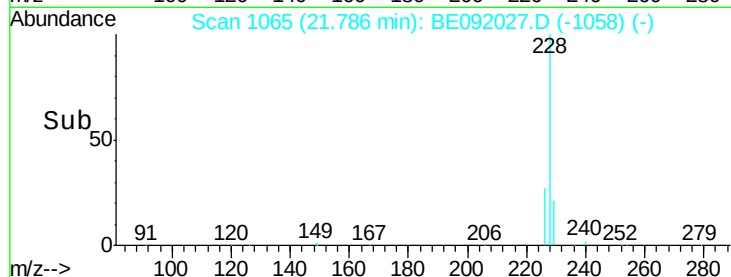
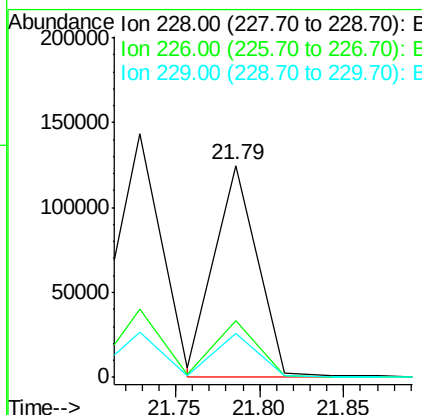
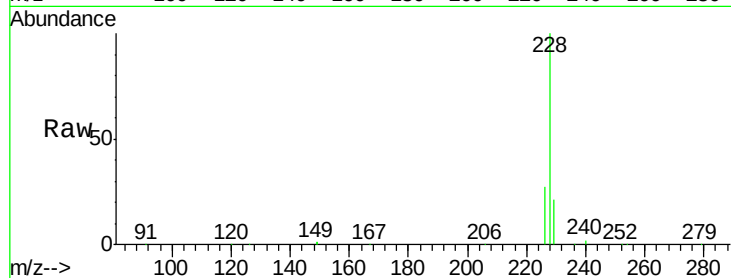
226 26.7 27.0 40.6#

229 20.9 13.8 20.8#

Manual Integrations

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#38

Bis(2-ethylhexyl)phthalate

Concen: 11.84 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

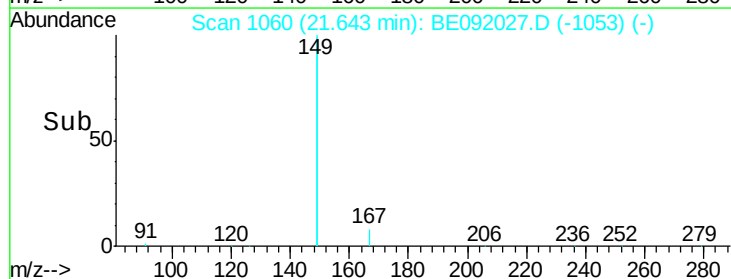
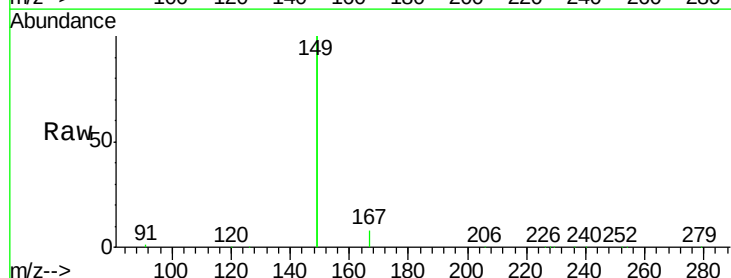
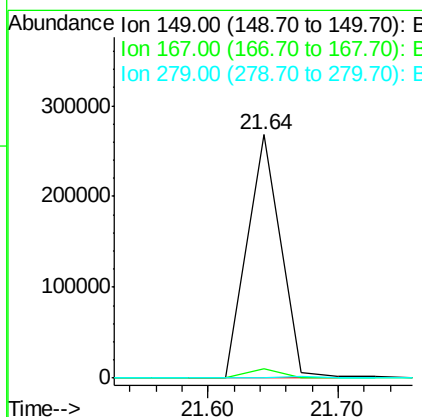
Tgt Ion: 149 Resp: 469790

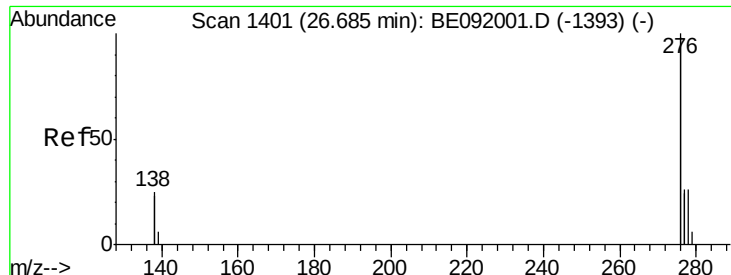
Ion Ratio Lower Upper

149 100

167 4.2 0.0 0.0#

279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 4.99 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BE092027.D

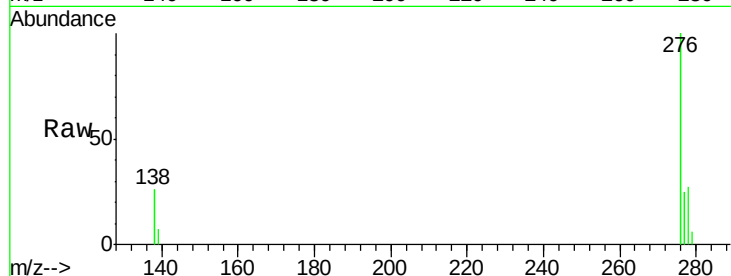
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampled :

PB92324BS



Tgt Ion: 276 Resp: 755883

Ion Ratio Lower Upper

276 100

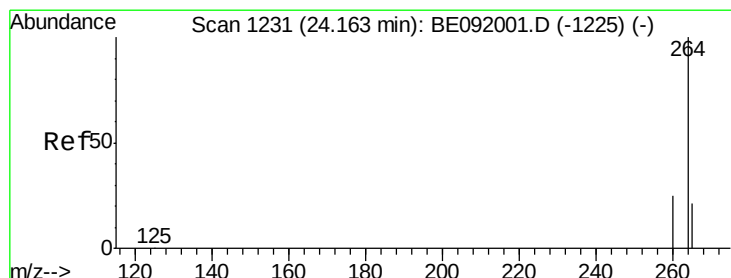
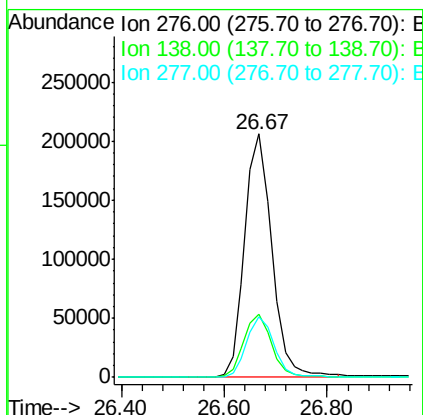
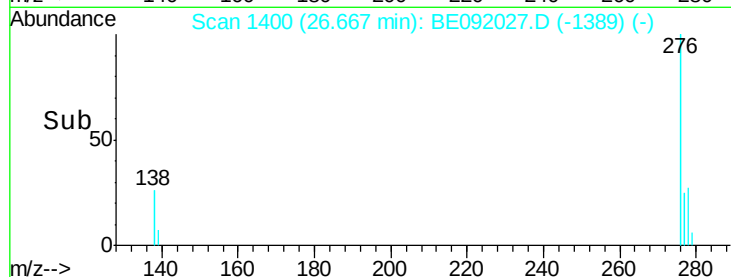
138 26.4 19.7 29.5

277 24.8 20.1 30.1

Manual Integrations

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#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BE092027.D

Acq: 23 Jul 2016 4:28

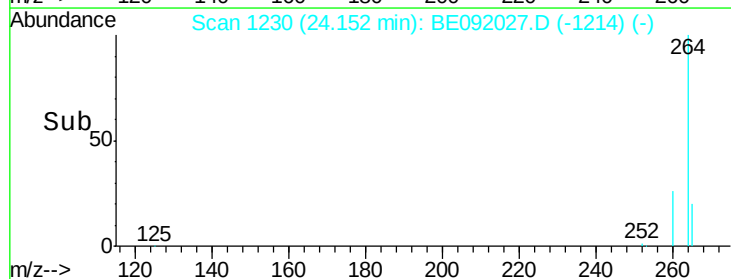
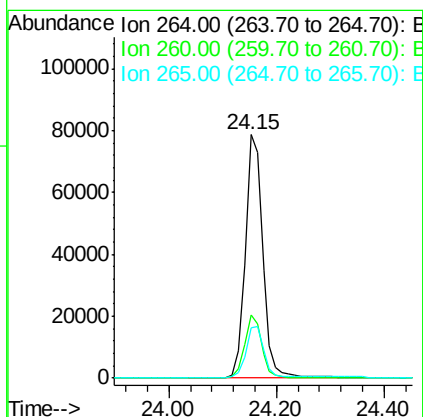
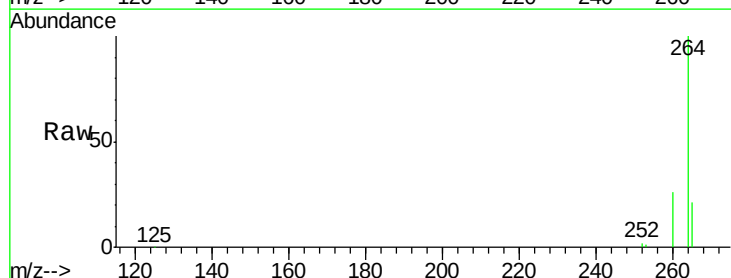
Tgt Ion: 264 Resp: 175787

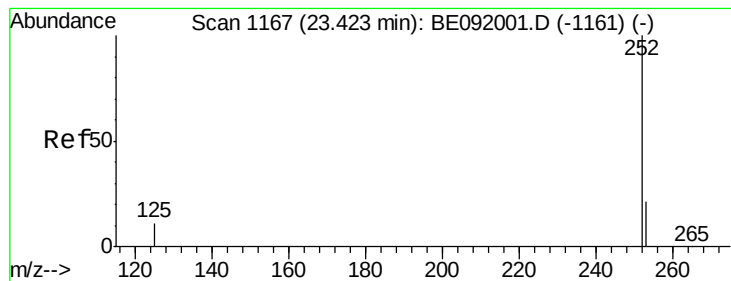
Ion Ratio Lower Upper

264 100

260 25.8 20.3 30.5

265 20.8 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 3.75 ng

RT: 23.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BE092027.D

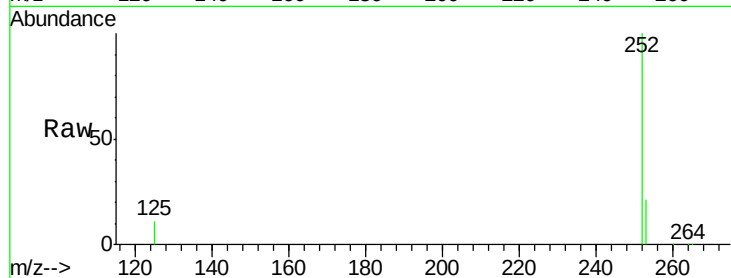
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS

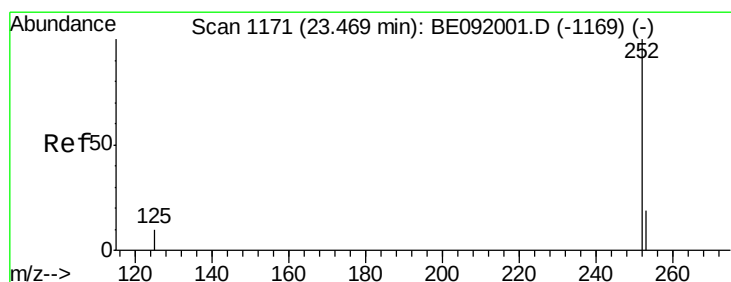
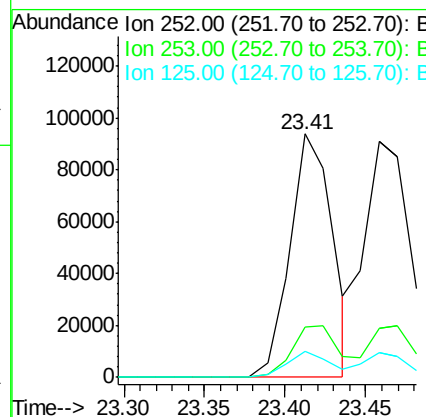


Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.8	26.6
125	10.9	9.4	14.2

Manual Integrations

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#42

Benzo(k)fluoranthene

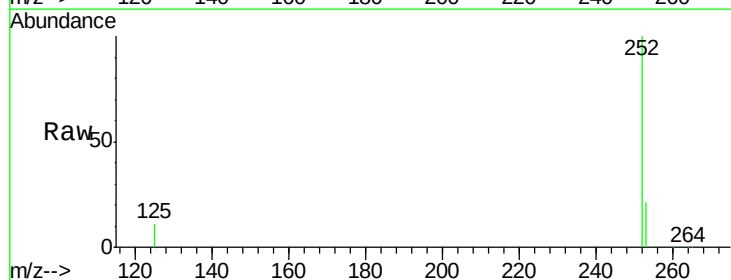
Concen: 3.93 ng

RT: 23.46 min Scan# 1170

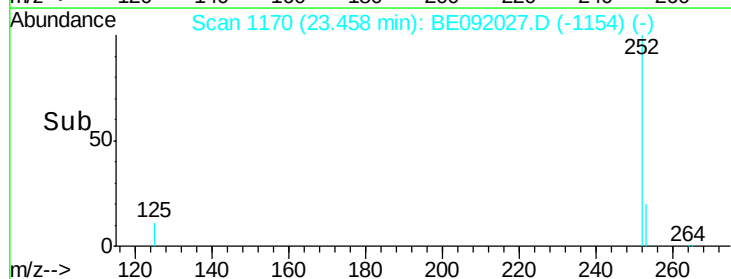
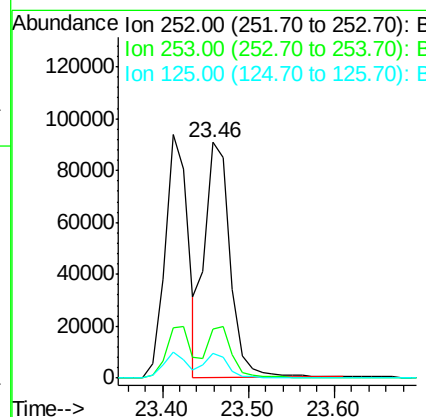
Delta R.T. -0.01 min

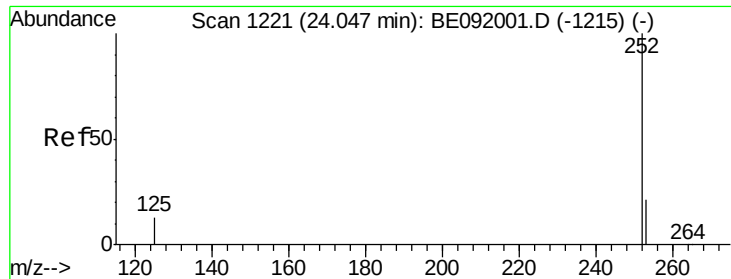
Lab File: BE092027.D

Acq: 23 Jul 2016 4:28



Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	19.4	29.2
125	10.7	8.3	12.5





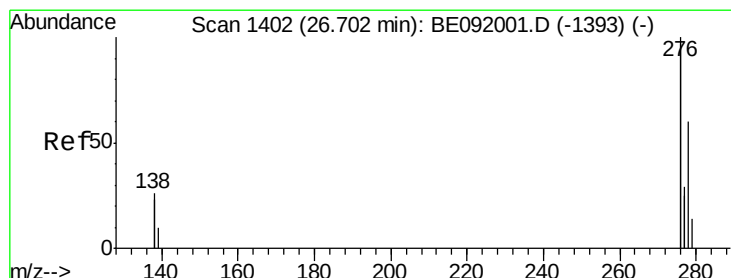
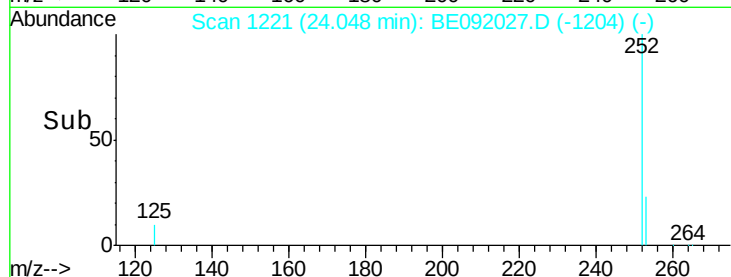
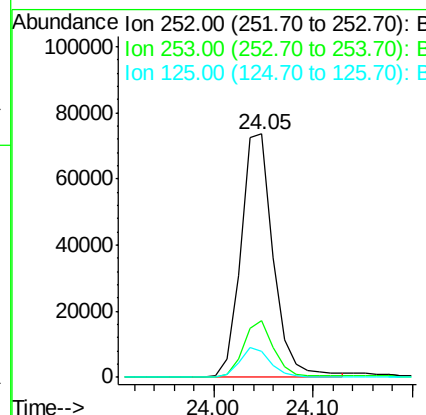
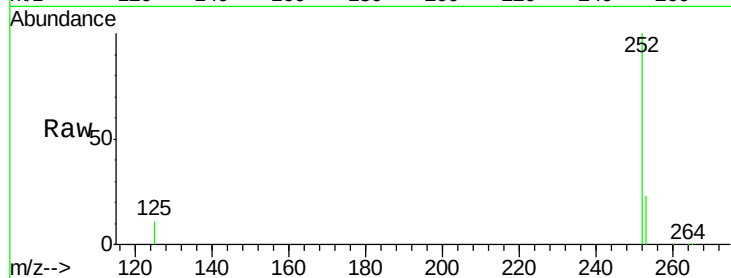
#43
Benzo(a)pyrene
Concen: 3.86 ng
RT: 24.05 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Instrument :
BNA_E
ClientSampleId :
PB92324BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	10.6	10.5	15.7

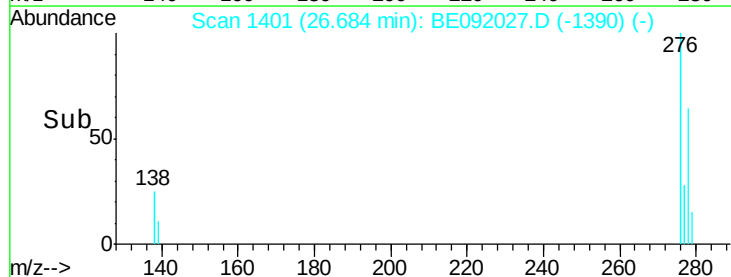
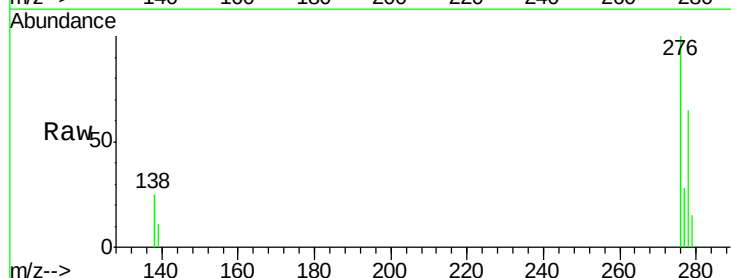
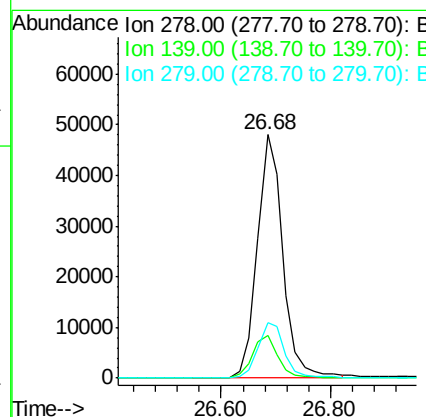
Manual Integrations

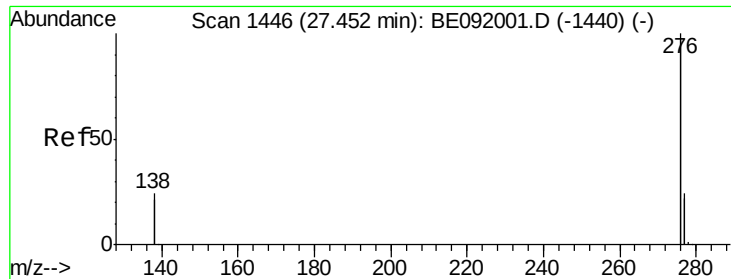
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#44
Dibenzo(a,h)anthracene
Concen: 4.05 ng
RT: 26.68 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BE092027.D
Acq: 23 Jul 2016 4:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.6	18.8
279	22.9	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 4.00 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BE092027.D

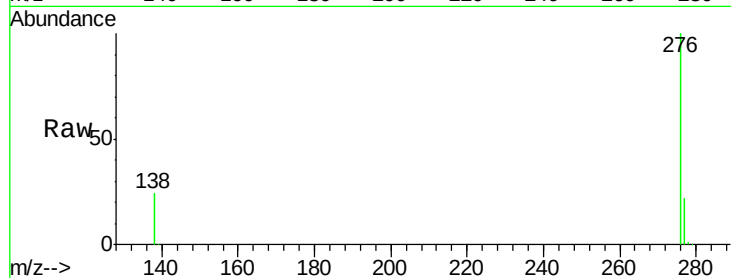
Acq: 23 Jul 2016 4:28

Instrument :

BNA_E

ClientSampleId :

PB92324BS



Tgt Ion:	276	Resp:	627913
Ion Ratio	Lower	Upper	
276	100		
277	22.4	19.5	29.3
138	24.0	17.7	26.5

Manual Integrations

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